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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

Table of Contents

Table des matières

Notices

Avis 1

Canadian Patents Issued

Brevets canadiens délivrés 23

Canadian Applications Open to Public Inspection

Demandes canadiennes mises à la disponibilité du public 87

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale 109

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 228

Index of Canadian Patents Issued

Index des brevets canadiens délivrés 234

Index of Canadian Applications Open to Public Inspection

Index des demandes canadiennes mises à la disponibilité du public 245

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale 249

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 270

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**S269**
6. **Preliminary examination fee** (Rule 58)	**S800**

* International fees will be reduced by:

- **S269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **S404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	**269 S**
6. **Taxe d'examen préliminaire** (Règle 58)	**800 S**

* Les frais seront réduits de:

- **269 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail*@*wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail*@*wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé℠ et Xpresspost℠ de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés.

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé℠, par Xpresspost℠ ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 17, 2017 contains applications open to public inspection from October 1, 2017 to October 7, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 17 octobre 2017 contient les demandes disponibles au public pour consultation pour la période du 1 octobre 2017 au 7 octobre 2017.

16. Erratum

The information concerning application number 2,961,957 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of April 11, 2017 was incorrect. Please note that no application is open to public inspection under this number.

16. Erratum

Les renseignements concernant la demande 2,961,957 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 11 avril 2017 sont inexactes. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

October 17, 2017

Brevets canadiens délivrés

17 octobre 2017

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[25] FR
[54] **METHOD TO ASSIST WITH DECISION MAKING FOR THE MANAGEMENT OF AN OIL DEPOSIT IN THE FACE OF UNCERTAIN TECHNICAL AND ECONOMIC PARAMETERS**
[54] **METHODE D'AIDE A LA PRISE DE DECISION POUR LA GESTION D'UN GISEMENT PETROLIER EN PRESENCE DE PARAMETRES TECHNIQUES ET ECONOMIQUES INCERTAINS**
[72] FERAILLE, MATHIEU, FR
[72] MANCEAU, EMMANUEL, FR
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[54] **MEMBRANE FUEL CELL COUNTERCURRENT-FED WITH NON-HUMIDIFIED AIR**
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[72] TORO, ANTONINO, IT
[72] MERLO, LUCA, IT
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[54] **REAGENTS, METHODS AND KITS FOR USE IN DEACTIVATING NUCLEIC ACIDS**
[54] **REACTIFS, PROCEDES ET KITS UTILISE DANS LA DESACTIVATION D'ACIDES NUCLEIQUES**
[72] NELSON, NORMAN C., US
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[72] DI MARTINO, JOHN LOUIS, US
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[54] **SYSTEME ET PROCEDE D'ESTIMATION DE CHARGE UTILE**
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[72] YAMAOKA, KEIJIRO, JP
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[54] **PCR DE MOLECULE UNIQUE SUR DES MICROPARTICULES DANS DES EMULSIONS D'EAU DANS L'HUILE**
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[54] **SYSTEME AUTOMATISE DE DETECTION DE COMPOSES CHIMIQUES**
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[54] **CATHETER FOR REDUCED REFLUX IN TARGETED TISSUE DELIVERY OF A THERAPEUTIC AGENT**
[54] **CATHETER PRODUISANT MOINS DE REFLUX DANS L'ADMINISTRATION TISSULAIRE CIBLEE D'UN AGENT THERAPEUTIQUE**
[72] HOOFNAGLE, JOHN R., US
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[72] KAPUR, TERRI, US
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[54] **SYSTEMES D'ADMINISTRATION TRANSDERMIQUE DE BETA-LACTAMINES**
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[72] KIL, DAVID H., US
[72] MEI, ZHU-SONG, US
[72] SHAH, BAIJU, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **THERAPIE ENZYMATIQUE DE COMBINAISON POUR LA DIGESTION DE GLUTEN DIETETIQUE**
[72] GASS, JONATHAN DAVID, US
[72] KHOSLA, CHAITAN, US
[72] BETHUNE, MICHAEL, US
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[54] **METHODES ET SYSTEMES PERMETTANT DE REDEMARRER UN SYSTEME DE COMMANDE DE VOL**
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[72] JANSEN, JUSTIN, US
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[72] WIDENHOUSE, CHRISTOPHER W., US
[72] WEISENBURGH, WILLIAM BRUCE, II, US
[72] SHELTON, FREDERICK E., IV, US
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[54] **MAMMALIAN-TYPE GLYCOSYLATION IN PLANTS BY EXPRESSION OF NON-MAMMALIAN GLYCOSYLTRANSFERASES**
[54] **GLYCOSYLATION DE TYPE MAMMIFERE DANS DES PLANTES PAR L'EXPRESSION DE GLYCOSYLTRANSFERASES NON MAMMIFERES**
[72] ROUWENDAL, GERARD JOHAN ADOLPH, NL
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, NL
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[73] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL
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[54] **VANNE DE REGULATION DE PRESSION POUR UN MOTEUR D'AERONEF**
[72] VINSKI, JOHNNY, CA
[72] BLAIS, DANIEL, CA
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[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **METHOD, SYSTEM AND COMPUTER-READABLE MEDIUM FOR PROVIDING A USER INTERFACE FOR PREDICTING THE PHYSICAL ATTRIBUTES OF A PROPOSED WELL**
[54] **METHODE, SYSTEME ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR FOURNIR UNE INTERFACE UTILISATEUR POUR LA PREVISION DES CARACTERISTIQUES PHYSIQUES D'UN PUITS PROPOSE**
[72] CALVO, MARIANO, CA
[72] KONG, RYAN, CA
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[54] **OPTICAL FILLING CONTROL OF PHARMACEUTICAL CAPSULES IN CAPSULE FILLING MACHINES**
[54] **CONTROLE OPTIQUE DE REMPLISSAGE DE GELULES PHARMACEUTIQUES SUR DES REMPLISSEUSES DE GELULES**
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[54] **COMPOSTIONS D'ISOXAZOLINE ET LEUR UTILISATION EN TANT QU'ANTIPARASITAIRES**
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[54] **PROCEDE ET DISPOSITIF POUR FAIRE LA DIAGRAPHIE DE LA PROFONDEUR DU FLUIDE DANS UN PUITS DE FORAGE**
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[72] SONNLEITNER, KURT, AT
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[54] **MATERIEL D'EXCAVATION ET DE COMPACTAGE POUR LA CONSTRUCTION DE PIEUX A VIS**
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[54] **PROCEDE DE PRODUCTION DE MOUSSES DE POLYURETHANE SOUPLES A FAIBLES EMISSIONS**
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[72] HAAS, PETER, DE
[72] MEYER-AHRENS, SVEN, DE
[72] KLESCZEWSKI, BERT, DE
[73] BAYER MATERIALSCIENCE AG, DE
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[54] **FRACTION ACTIVE D'UMAMI ET PROCEDE DE PREPARATION CORRESPONDANT**
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[72] MAVROUDIS, NIKOS, NL
[72] OLIEHOEK, LEANDRO, BR
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[72] SUCECH, STEVEN W., US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA DYSERECTION**
[72] ROMERO MEJIA, FERNANDO GONZALO, CL
[72] SALVATICI SALAZAR, RAUL PATRICIO, CL
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[54] **SYSTEME DE TRAITEMENT MEDICAL ET PROCEDES UTILISANT PLUSIEURS TUYAUX DE FLUIDE**
[72] DEMERS, JASON A., US
[72] MCGILL, DAVID W., US
[72] SCARPACI, JACOB W., US
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[54] **MILIEU DE FILTRATION DE GAZ EN POLYETHYLENE RENFERMANT DES COUCHES DE FIBRILLES**
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[72] STAUBS, AMY E., US
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[54] **COUVERCLE ANTIVOL POUR BAC DE GRAISSE AVEC DISPOSITIF DE VERROUILLAGE DOUBLE ET METHODE D'INSTALLATION**
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[73] ONKEN'S INCORPORATED, US
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[54] **BOITIER DE CONNEXION POUR COMMUTATEUR CENTRIFUGE D'UN MOTEUR ET MOTEUR UTILISANT CELUI-CI**
[72] CHEN, FUCHENG, CN
[72] LU, PING, CN
[72] DENG, SHUANGCHAO, CN
[72] LIU, XIAO, CN
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[54] **MECANISME DE VERROUILLAGE POUR UTILISATION AVEC DES CHARGEURS**
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[73] TYCO HEALTHCARE GROUP LP, US
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[72] SIEGWALD, NATHAN, US
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[54] **OUTIL DE GRIL, TAMPON ASSOCIE ET PROCEDES ASSOCIES**
[72] CARLSON, BRIAN P., US
[72] LIMBACK, SCOTT R., US
[72] ROCK, CHRISTINE M., US
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[54] **CALOTTE DE BOMBE ET METHODE DE FORMAGE**
[72] FAVREAU, CHRISTOPHER D., US
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[72] SMOTRYCZ, ZENON, US
[73] VIBRAM S.P.A., IT
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[54] **PROCEDES ET UTILISATION D'INDUCTION DE L'APOPTOSE DANS DES CELLULES CANCEREUSES**
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[54] **CONCEPTION DE MODULE DE BATTERIE A TENSION ENCASTRE FLEXIBLE**
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[72] RUTKOWSKI, BRIAN, US
[72] BUTT, SHAZAD, US
[72] HOSTLER, JONATHAN, US
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[54] **PROCEDE DE CONDITIONNEMENT D'UNE LIQUEUR MELANGEE CONTENANT DES POLYSACCHARIDES NON IONIQUES ET/OU DES MOLECULES ORGANIQUES NON IONIQUES**
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[72] COLLINS, JOHN H., US
[73] NALCO COMPANY, US
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[54] **SYSTEMS, DEVICES, AND METHODS FOR MEASURING WHOLE BLOOD HEMATOCRIT BASED ON INITIAL FILL VELOCITY**
[54] **SYSTEMES, APPAREILS ET METHODES PERMETTANT DE MESURER L'HEMATOCRITE A PARTIR DU SANG TOTAL EN SE FONDANT SUR LA VITESSE DE REMPLISSAGE INITIALE**
[72] CHATELIER, RONALD C., AU
[72] RYLATT, DENNIS, AU
[72] RAINERI, LINDA, AU
[72] HODGES, ALASTAIR M., AU
[73] LIFESCAN, INC., US
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[54] **CARTOUCHE DE TRAITEMENT, APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE ET UNITE DE CYLINDRE PHOTOSENSIBLE ELECTROGRAPHIQUE**
[72] ASANUMA, NAOYA, JP
[72] MORIOKA, MASANARI, JP
[72] NAKAZAWA, RYOSUKE, JP
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[54] **PROCEDE D'ELIMINATION DE PESTICIDES D'EXTRAITS DE GINKGO BILOBA, ET EXTRAITS OBTENUS PAR LEDIT PROCEDE**
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[54] **ELEMENT DE FUSELAGE COMPORTANT UN TRONCON DE FUSELAGE ET DES MOYENS DE JONCTION**
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[72] DELAHAYE, ROMAIN, FR
[72] DUGERIE, MARC, FR
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[54] **DEVICE FOR HANDLING OF MONEY TRANSACTIONS**
[54] **DISPOSITIF PERMETTANT D'EFFECTUER DES OPERATIONS FINANCIERES**
[72] MUEHRENBERG, ROLAND, AT
[72] ZANDER, MARKO, AT
[72] BORNSCHEIN, JURGEN, AT
[72] RINDERSPACHER, MARC, AT
[73] NOVOMATIC AG, AT
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[54] **PROCEDE DE FABRICATION DE MOUSSES DE POLYURETHANE IGNIFUGEES ET APTES A UNE LONGUE DUREE D'UTILISATION**
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[73] BAYER MATERIALSCIENCE AG, DE
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[54] **DISPOSITIF DE GESTION, DE REMISE ET/OU DE DISTRIBUTION D'OBJETS DE VALEUR**
[72] MUEHRENBERG, ROLAND, AT
[72] OCHS, HELMUT, AT
[72] ZANDER, MARKO, AT
[73] NOVOMATIC AG, AT
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[72] SWEENY, PHILIP GERDON, US
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[72] DOWNING, DAVID, US
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[54] **ELEMENT DE TRANSMISSION DE FORCE POUR UNE UTILISATION DANS DES CATHETERS MEDICAUX**
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[72] MAIR, JUTTA, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
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[54] **MULTI-POSITION MICRO-FLUIDIC VALVE SYSTEM WITH REMOVABLE ENCODER ASSEMBLY**
[54] **SYSTEME A SOUPAPE MICROFLUIDIQUE A POSITIONS MULTIPLES POURVU D?UN ENSEMBLE CODEUR AMOVIBLE**
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[73] IDEX HEALTH & SCIENCE LLC, US
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[54] **COMPOSES INSECTICIDES A BASE DE 4-AMINO-THIENO[2,3-D]PYRIMIDINE ET LEURS METHODES D'UTILISATION**
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[72] MENG, CHARLES Q., US
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[72] HOLLAND, CHARLES S., US
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[72] TRAUTMAN, EARL D., CA
[73] DONMARK HOLDINGS INC., CA
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[54] **AFFICHAGE ET SAISIE A EFFET TACTILE MULTIPLE POUR TESTS ET ENTRAINEMENT DE VISION**
[72] YOO, HERB, US
[72] FORTUNE, THOMAS R., JR., US
[72] PEDLEY, DOUGLAS, US
[72] REICHOW, ALAN W., US
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[72] NORELL, NEIL N., US
[72] WOLFE, MELVIN E., JR., US
[72] ROBITAILLE, JAMES M., US
[72] ADAMS, DOUG, US
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[54] **PROCEDE ET APPAREIL POUR LA CONVERSION DE MULTIPLES TYPES DE CATIONS D'ANALYTES MULTIPLES EN UN TYPE D'ANION D'ANALYTE UNIQUE PAR L'INTERMEDIAIRE D'UNE INVERSION DE CHARGE ION/ION**
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[72] MCLUCKEY, SCOTT A., US
[72] LEBLANC, YVES, CA
[73] PURDUE RESEARCH FOUNDATION, US
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[54] **UN SYSTEME ET UNE METHODE DE CARTOGRAPHIE DE FLUX DE DONNEES D'ENTREE DANS UN ESPACE DE MEMOIRE VIVE**
[72] ORCHARD, DAVID ARTHUR, GB
[72] WILSON, REBECCA ANNE, GB
[72] PRITCHARD, JONATHAN ALEXANDER SKOYLES, GB
[72] COOPER, MARTIN JAMES, GB
[72] SHEPHERD, TERENCE JOHN, GB
[72] LEWIN, ANDREW CHARLES, GB
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[73] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **METHODE DE PREPARATION D'UNE BOISSON A PARTIR D'UNE POUDRE DE BOISSON ET APPAREIL DE REALISATION DE LA METHODE**
[72] MARABI, ALEJANDRO, CH
[72] COUDENE, JEAN-MARC, CH
[72] NIEDERREITER, GERHARD, CH
[72] CLAUDE, JOHANNA, CH
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[72] STOUT, CHRISTOPHER, US
[72] SWANN, BETSY, US
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[73] BIOELECTRON TECHNOLOGY CORPORATION, US
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[54] **SYSTEME DE SIGNALISATION AYANT UN RAPPORT DE CONTRASTE AMELIORE**
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[72] BESSON, JACQUES, FR
[72] BRUGUIERE, LIONEL, FR
[72] JULIAA, JEAN-FRANCOIS, FR
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[54] **SYSTEME ET PROCEDE DE REINJECTION D'ENERGIE DE RALENTISSEMENT DANS UN TOMBEREAU MINIER ELECTRIQUE DE TYPE TROLLEY**
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[72] KOELLNER, WALTER G., US
[73] SIEMENS INDUSTRY, INC., US
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[72] DEDECKER, PAUL, US
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[54] **PROCEDES POUR TRAITER UN TROUBLE DE DEFICIT DE L'ATTENTION AVEC HYPERACTIVITE**
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[72] MELNICK, SUSAN MARIE, US
[73] SK BIOPHARMACEUTICALS CO., LTD., KR
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[54] **ELEMENTS MODULAIRES DE SEPARATEUR HELICOIDAL**
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[73] NEXXOIL AG, CH
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[54] **DERIVES SUBSTITUES D'ACIDE CARBAMOYLMETHYLAMINO-ACETIQUE UTILISES COMME NOUVEAUX INHIBITEURS DE NEP**
[72] IWAKI, YUKI, US
[72] KAWANAMI, TOSHIO, US
[72] KSANDER, GARY MICHAEL, US
[72] MOGI, MUNETO, US
[73] NOVARTIS AG, CH
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[72] MCEWEN-KING, MAGNUS, GB
[73] OPTASENSE HOLDINGS LIMITED, GB
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[72] PACK, SHAWN K., US
[72] TYMONKO, STEVEN, US
[72] PATEL, BHARAT P., US
[72] NATALIE, KENNETH J., JR., US
[72] BELEMA, MAKONEN, US
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[54] **SYSTEME A CYCLE THERMIQUE EN BOUCLE FERMEE COMPOSITE PERMETTANT DE RECUPERER LA CHALEUR ET PROCEDE CORRESPONDANT**
[72] LEHAR, MATTHEW ALEXANDER, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **TISSU COMPOSITE ISOLE**
[72] ROCK, MOSHE, US
[72] ZEIBA, JAMES, US
[72] VAINER, GADALIA, US
[72] HUNTER, JANE, US
[72] HARYSLAK, CHARLES, US
[72] COSTELLO, DAVID, US
[72] FLAVIN, SHAWN, US
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[54] **UN SYSTEME DE GESTION D'OBJET**
[72] COWART, GEORGE STEPHEN, US
[72] KUMPF, STEVEN JAMES, US
[72] HAGBERG, KYLE K., US
[73] THE BOEING COMPANY, US
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[54] **INSULATING GLASS STYLE SOLAR HEAT COLLECTOR AND BUILDING USING SOLAR ENERGY FOR HEATING AND COOLING EMPLOYING SAME**
[54] **CAPTEUR D'ENERGIE SOLAIRE DE TYPE A VITRAGE ISOLANT ET BATIMENT UTILISANT L'ENERGIE SOLAIRE POUR LE CHAUFFAGE ET LA CLIMATISATION EMPLOYANT CELUI-CI**
[72] LIN, HUAZI, CA
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[54] **METHODS FOR FILLING PRESCRIPTIONS TO FULFILL A CUSTOMER ORDER**
[54] **PROCEDES DE REMPLISSAGE D'ORDONNANCES POUR SATISFAIRE LA COMMANDE D'UN CLIENT**
[72] CARSON, BRADLEY, US
[72] SZESKO, MICHAEL J., US
[73] OMNICARE INC., US
[85] 2012-05-24
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[54] **PESTICIDAL BIS-ORGANOSULFUR COMPOUNDS**
[54] **COMPOSES PESTICIDES BIS-ORGANOSULFURES**
[72] MENG, CHARLES Q., US
[72] POHLMAN, MATTHIAS, DE
[72] BASTIAANS, HENRICUS MARIA MARTINUS, DE
[72] PAULINI, RALPH, DE
[72] SOERGEL, SEBASTIAN, DE
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[73] MERIAL, INC., US
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[72] COGNE, MICHAEL, FR
[72] DENDIEVEL, JEAN-LUC, FR
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **INJECTEUR-POMPE ELECTRONIQUE**
[72] TEERMAN, RICHARD F., US
[72] JONES, JERRY A., US
[73] BUESCHER DEVELOPMENTS, LLC, US
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[54] **DISPOSITIF DE FUSION DE CHEVILLE, INSTRUMENTATION ET PROCEDES AFFERENTS**
[72] PINZUR, MICHAEL, US
[72] FRICK, OLIVER, DE
[72] GEISERT, CHRISTOPHE, DE
[72] LORING, THOMAS, US
[72] GILBERT, STEPHEN, US
[72] CHAN, VICTOR, US
[72] RICHTER, MARTINUS, DE
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[54] **COMPOSITION A BASE D'HUILE OU DE GRAISSE**
[72] HOMMA, RIKA, JP
[72] SHIMIZU, MASAO, JP
[72] MORIWAKI, JUNYA, JP
[72] KASE, MINORU, JP
[72] ABE, TETSUYA, JP
[72] FUKUHARA, SHINPEI, JP
[72] KOMATSU, TOSHITERU, JP
[72] SHIBATA, KEIJI, JP
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[54] **PRESSURE REGULATING VALVE FOR PRESSURE DRIVEN BEVERAGE DISPENSING APPARATUSES**
[54] **SOUPAPE DE REGULATION DE PRESSION POUR APPAREILS DE DISTRIBUTION DE BOISSONS COMMANDEE PAR PRESSION**
[72] PEIRSMAN, DANIEL, BE
[72] VANDEKERCKHOVE, STIJN, BE
[73] AB INBEV NV, BE
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[72] ZECCHI, STEFANO, IT
[72] BORGHESANI, OMERO, IT
[73] O.M.T. OFFICINA MECCANICA TARTARINI S.R.L., IT
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[54] **PROCEDE ET APPAREIL POUR LA SEPARATION D'AIR PAR DISTILLATION CRYOGENIQUE**
[72] HA, BAO, US
[72] BRUGEROLLE, JEAN-RENAUD, CH
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[72] CERBONI, SACHA, CH
[73] SENSIMED SA, CH
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[54] **METHOD OF ABLATING A THREE-DIMENSIONAL SURFACE USING A LASER ABLATION DEVICE AND THROUGH THE USE OF A CALIBRATION STEP; DEVICE FOR IMPLEMENTING SUCH A METHOD**
[54] **PROCEDE D'ABLATION D'UNE SURFACE EN TROIS DIMENSIONS GRACE A UN DISPOSITIF D'ABLATION LASER ET GRACE A L'EMPLOI D'UNE ETAPE D'ETALONNAGE; DISPOSITIF DE MISE EN OEUVRE D'UN TEL PROCEDE**
[72] CHAMPONNOIS, FRANCOIS, FR
[72] LAVAL, BERTRAND, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **A METHOD OF MANUFACTURING FOIL FOR PRODUCING A PEPPER'S GHOST ILLUSION**
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE POUR LA PRODUCTION D'UN HOLOGRAMME DE PEPPER**
[72] O'CONNELL, IAN, GB
[72] ABRAHAMS, MICHAEL, GB
[73] MUSION IP LIMITED, GB
[85] 2012-06-21
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[54] **METHOD AND APPARATUS FOR FORMING OF AN AUTOMATED SAMPLING DEVICE FOR THE DETECTION OF SALMONELLA ENTERICA UTILIZING AN ELECTROCHEMICAL APTAMER BIOSENSOR**
[54] **PROCEDE ET APPAREIL DE FORMATION D'UN DISPOSITIF D'ECHANTILLONNAGE AUTOMATIQUE POUR LA DETECTION DE SALMONELLA ENTERICA UTILISANT UN BIOCAPTEUR APTAMERE ELECTROCHIMIQUE**
[72] SHACHAR, YEHOSHUA, US
[72] WU, WINSTON, US
[72] CHEN, THOMAS, US
[72] FARKAS, LESLIE, US
[72] JORDAN, BRETT, US
[72] LUBOFF, PALADIN, US
[72] CHAN, HERWIN, US
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[54] **CONTINUOUS PRODUCTION OF DMAEA QUATERNARY SALTS**
[54] **PRODUCTION CONTINUE DE SELS QUATERNAIRES**
[72] FAIR, BARBARA E., US
[72] REED, PETER E., US
[72] VER VERS, LEONARD M., US
[72] BRAMMER, LARRY E., JR., US
[72] HOLADA, CHARLES J., US
[72] HUANG, CHENG-SUNG, US
[72] SAWANT, KAILAS B., US
[73] NALCO COMPANY, US
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[54] **UTENSIL HANDLE**
[54] **POIGNEE D'USTENSILE**
[72] CAMPBELL, ALEXANDER COLIN, US
[72] GENATOSSIO, LOUIS F., US
[72] CAINE, MICHAEL EDWARD, US
[73] LE CREUSET SAS, FR
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[54] **TONDEUSE A BARBE AVEC POSITIONNEMENT AUTOMATIQUE DE L'UNITE DE COUPE**
[72] JULEMONT, PIERRE, BE
[73] BABYLISS FACO S.A., BE
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[54] **APPAREIL DE DURCISSEMENT DE COUCHES MINCES SUR SUBSTRAT EN MOUVEMENT**
[72] JACKSON, DOUGLAS K., US
[72] SCHRODER, KURT A., US
[72] MCCOOL, STEVEN C., US
[73] NCC NANO, LLC, US
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[54] **SYSTEME D'OXYDATION A REACTEUR SECONDAIRE A SOUTIRAGE LATERAL**
[72] SHAIKH, ASHFAQ, US
[72] WONDERS, ALAN GEORGE, US
[72] LANGE, DAVID, US
[73] GRUPO PETROTEMEX, S.A. DE C.V., MX
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[54] **COMPOSITIONS FOR RISER AND PLENUM CABLES**
[54] **COMPOSITIONS POUR CABLES MONTANTS ET CABLES IGNIFUGES**
[72] ABU-ALI, AMJAD F., US
[72] SZYLAKOWSKI, GREGG R., US
[72] ALBRINCK, ALICE C., US
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
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[25] EN
[54] **COFFEE WHITENER, PROCESS FOR PRODUCING SAME, AND PROCESS FOR PRODUCING BEVERAGE**
[54] **COLORANT A CAFE, PROCEDE DE PRODUCTION DE CELUI-CI ET PROCEDE DE PREPARATION D'UNE BOISSON**
[72] MIWA, NORIKO, JP
[73] AJINOMOTO CO., INC., JP
[73] AMANO ENZYME INC., JP
[85] 2012-08-08
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[54] **PROCEDE ET SYSTEME D'ESTIMATION D'UNE POSITION AVEC COMPENSATION DE BIAIS**
[72] DAI, LIWEN, US
[72] WANG, CHAOCHAO, US
[73] NAVCOM TECHNOLOGY, INC., US
[85] 2012-08-13
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[54] **METHOD AND APPARATUS FOR TRANSMITTING VIDEO CONTENT COMPRESSED BY CODEC**
[54] **PROCEDE ET APPAREIL DESTINES A TRANSMETTRE UN CONTENU VIDEO COMPRESSE PAR CODEC**
[72] JUN, HAE-YOUNG, KR
[72] PARK, SUNG-BUM, KR
[72] PARK, DONG-SEEK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-08-17
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[54] **DISPOSITIF D'ADMISSION DE POMPE**
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[73] WEIR MINERALS AUSTRALIA LTD, AU
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[54] **SYSTEME D'AUTHENTIFICATION EN FONCTION DE L'ALLURE**
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[72] VALIYANI, SAMEER, CA
[72] POLOTSKI, VLADIMIR, CA
[73] AUTONOMOUS ID CANADA INC., CA
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[54] **THERAPEUTIC AGENT OR PREVENTIVE AGENT FOR URINE COLLECTION DISORDER**
[54] **AGENT THERAPEUTIQUE OU AGENT PREVENTIF POUR LES TROUBLES DE COLLECTE DE L'URINE**
[72] HAREYAMA, NANA, JP
[72] YOSHIKAWA, SATORU, JP
[72] NAKAO, KAORU, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **METHOD AND APPARATUS OF TEMPORAL MOTION VECTOR PREDICTION**
[54] **PROCEDE ET APPAREIL DE PREDICTION TEMPORELLE DE VECTEUR DE MOUVEMENT**
[72] TSAI, YU-PAO, CN
[72] LIN, JIAN-LIANG, CN
[72] HUANG, YU-WEN, CN
[72] LEI, SHAW-MIN, CN
[73] HFI INNOVATION INC., CN
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[54] **NOUVELLE CIRE D'ENROBAGE A BASE DE COPOLYMERES, SES UTILISATIONS ET SON PROCEDE DE PREPARATION**
[72] PENNARUN, PIERRE-YVES, FR
[73] FROMAGERIES BEL, FR
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[54] **SCROLL PUMP**
[54] **POMPE A SPIRALES**
[72] SCHOFIELD, NIGEL PAUL, GB
[72] LIU, MICHAEL CHUNG KAU, GB
[73] EDWARDS LIMITED, GB
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[54] **METHOD FOR CONTAMINATION PREVENTION IN FLUID STORAGE TANK REQUIRING TEMPERATURE CONTROL, AND DEVICE THEREFOR**
[54] **PROCEDE DE PREVENTION CONTRE LA CONTAMINATION DANS UN RESERVOIR DE STOCKAGE DE FLUIDE NECESSITANT UN REGLAGE DE LA TEMPERATURE, ET DISPOSITIF POUR CELUI-CI**
[72] OHKAMI, KOHHEI, JP
[72] HASE, HIROSHI, JP
[72] OHKAMI, SHUJI, JP
[73] YATSUO DAIRY COOPERATIVE, JP
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[54] **RETRO-FIT ENERGY EXCHANGE SYSTEM FOR TRANSPARENT INCORPORATION INTO A PLURALITY OF EXISTING ENERGY TRANSFER SYSTEMS**
[54] **SYSTEME D'ECHANGE D'ENERGIE DE MODERNISATION POUR UNE INCORPORATION TRANSPARENTE DANS UNE PLURALITE DE SYSTEMES DE TRANSFERT D'ENERGIE EXISTANTS**
[72] MANZO, ANIELLO, CA
[73] ENERGY RECOVERY SYSTEMS INC., CA
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[54] **METHOD AND SYSTEM FOR MONITORING THE LEVEL OF OIL CONTAINED IN A TANK OF AN AIRCRAFT ENGINE**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DU NIVEAU D'HUILE CONTENUE DANS UN RESERVOIR D'UN MOTEUR D'AERONEF**
[72] DEMAISON, FRANCOIS, FR
[72] FLANDROIS, XAVIER, FR
[72] MASSE, JEAN-REMI, FR
[72] MASSOT, GILLES, FR
[72] RICORDEAU, JULIEN, FR
[72] HMAD, OUADIR, FR
[73] SNECMA, FR
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[54] **OCEAN BOTTOM SEISMIC CABLE RECORDING APPARATUS**
[54] **APPAREIL D'ENREGISTREMENT POUR CABLE SISMIQUE DE FOND MARIN**
[72] GATEMAN, JAN, NO
[72] GIMSE, IVAR, NO
[73] MAGSEIS AS, NO
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[54] **ELECTRICAL CONTACTOR ARRANGEMENT FOR A PIVOT LEVER ASSEMBLY**
[54] **AGENCEMENT DE CONTACTEUR ELECTRIQUE POUR UN ENSEMBLE LEVIER A PIVOT**
[72] KENNEDY, GREGG L., US
[73] AIR POWER SYSTEMS COMPANY, INC., US
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[54] **SYSTEME DE SUSPENSION DE VEHICULE**
[72] KUTTNER, OLIVER CHRISTOPH FERDINAND, US
[72] MATHIS, RONALD CHRISTOPHER, US
[73] EDISON2 LLC, US
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[54] **IMMUNOSTIMULATORY COMPOSITIONS COMPRISING A HONEY ISOLATE AND USES THEREOF**
[54] **COMPOSITIONS IMMUNOSTIMULATRICES COMPRENANT UN ISOLAT DE MIEL ET UTILISATIONS DE CELLES-CI**
[72] SIMS, IAN, NZ
[72] STEPHENS, JONATHAN MCDONALD COUNSELL, NZ
[72] SCHLOTHAUER, RALF CHRISTIAN, NZ
[72] GANNABATHULA, SWAPNA, NZ
[73] COMVITA NEW ZEALAND LIMITED, NZ
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[54] **DIAGNOSTIC METHOD FOR PREDICTING THE RESPONSE OF A PATIENT TO CHEMOVIROTHERAPY OR RADIOVIROTHERAPY**
[54] **PROCEDE DE DIAGNOSTIC POUR LA PREDICTION DE LA REPONSE D'UN PATIENT A UNE CHIMIO-VIROTHERAPIE OU A UNE RADIO-VIROTHERAPIE**
[72] GIESE, NATHALIA, DE
[72] WERNER, JENS, DE
[72] BUCHLER, MARKUS, DE
[72] GIESE, THOMAS, DE
[72] DAFFLER, LAURENT, DE
[72] CZIEPLUCH, CELINA, DE
[72] ROMMELAERE, JEAN, DE
[72] RAYKOV, ZAHARI, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTES, DE
[73] RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG, DE
[73] UNIVERSITATSKLINIKUM HEIDELBERG, DE
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[54] **METHOD AND SYSTEM FOR KNEE JOINT PATHOLOGY EVALUATION AND DIAGNOSTIC AID**
[54] **PROCEDE ET SYSTEME POUR L'AIDE A L'EVALUATION ET AU DIAGNOSTIC D'UNE PATHOLOGIE DE L'ARTICULATION DU GENOU**
[72] MEZGHANI, NEILA, CA
[72] DE GUISE, JACQUES, CA
[72] GRIMARD, GUY, CA
[72] BAILLARGEON, DAVID, CA
[72] OUAKRIM, YOUSSEF, CA
[72] PARENT, GERALD, CA
[72] FUENTES, ALEXANDRE, CA
[72] LAVIGNE, PATRICK, CA
[72] RANGER, PIERRE, CA
[73] EMOVI INC., CA
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[54] **SYSTEME GENERATEUR D'AEROSOL**
[72] MORAN, DECLAN, IE
[72] O'SULLIVAN, GAVAN, IE
[73] NORTEV LIMITED, IE
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[72] HANSSON, STIG, SE
[73] DENTSPLY IH AB, SE
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[54] **PROCESS FOR THE PREPARATION OF 5-SUBSTITUTED-8-ALKOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDIN-2-AMINES**
[54] **PROCEDE POUR LA PREPARATION DE 8-ALCOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDIN-2-AMINES 5-SUBSTITUEES**
[72] BOTT, CRAIG, US
[72] HAMILTON, CHRISTOPHER T., US
[72] ROTH, GARY A., US
[73] DOW AGROSCIENCES LLC, US
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[72] COLLIE, CLIVE FREDERICK, GB
[72] HOLBROOK, ALAN ERNEST KINNAIRD, GB
[72] BEDWELL, DAVID, GB
[73] EDWARDS LIMITED, GB
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[54] **DOSETTE POUR PREPARER UNE BOISSON**
[72] KRUEGER, MARC, DE
[72] SONDEREGGER, REMO, CH
[72] FISCHER, DANIEL, CH
[73] K-FEE SYSTEM GMBH, DE
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[54] **SYSTEM FOR TRANSPORTING ITEMS ON A VEHICLE**
[54] **SYSTEME DE TRANSPORT D'OBJETS SUR VEHICULE**
[72] BROUSSEAU, IVAN, CA
[72] CHENEVERT, FRANCOIS, CA
[72] COTNOIR, THIERRY, CA
[72] MASSICOTTE, ALAIN, CA
[73] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] REYNOLDS, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[72] TREPANIER, JULIE, CA
[73] DUOJECT MEDICAL SYSTEMS INC., CA
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[86] 2011-02-28 (PCT/CA2011/000210)
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[25] EN
[54] **APPARATUS AND METHOD FOR TRANSITIONING ENHANCED SECURITY CONTEXT FROM A UTRAN/GERAN-BASED SERVING NETWORK TO AN E-UTRAN-BASED SERVING NETWORK**
[54] **APPAREIL ET PROCEDE POUR FAIRE PASSER CONTEXTE DE SECURITE OPTIMISEE D'UN RESEAU DE SERVICE A BASE UTRAN/GERAN A UN RESEAU DE SERVICE A BASE E-UTRAN**
[72] ESCOTT, ADRIAN EDWARD, US
[72] PALANIGOUNDER, ANAND, US
[73] QUALCOMM INCORPORATED, US
[85] 2012-12-12
[86] 2011-06-16 (PCT/US2011/040773)
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[54] **METHODS AND DEVICES FOR SELECTING OBJECTS IN IMAGES**
[54] **PROCEDES ET DISPOSITIFS POUR SELECTIONNER DES OBJETS DANS DES IMAGES**
[72] FYKE, STEVEN HENRY, CA
[73] BLACKBERRY LIMITED, CA
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[87] (2802622)
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[54] **PROTOCOL FOR CHANNEL STATE INFORMATION FEEDBACK**
[54] **PROTOCOLE POUR RETOUR D'INFORMATIONS D'ETAT DE CANAL**
[72] ABRAHAM, SANTOSH PAUL, US
[72] MERLIN, SIMONE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[73] QUALCOMM INCORPORATED, US
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[54] **CAPACITANCE ELECTRODE STRUCTURE FOR MEASURING MOISTURE**
[54] **STRUCTURE D'ELECTRODES CAPACITIVE POUR LA MESURE DE L'HUMIDITE**
[72] SAMMARTINI, MARCO, CH
[73] BRY-AIR PROKON SAGL, CH
[85] 2013-01-04
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[54] **METHOD FOR PREPARING POLY (ETHER KETONE KETONES)**
[54] **PROCEDE DE PREPARATION DE POLY(ETHERCETONE-CETONES)**
[72] TOWLE, IAN, GB
[73] KETONEX LIMITED, GB
[85] 2013-01-08
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[54] **HYDROPROCESSING PROCESS WITH IMPROVED CATALYST ACTIVITY**
[54] **PROCEDE D'HYDROTRAITEMENT AVEC ACTIVITE CATALYTIQUE AMELIOREE**
[72] YAO, JIANHUA, US
[72] GHONASGI, DHANANJAY B., US
[72] XU, XIAOCHUN, US
[72] SWINNEY, LARRY D., US
[73] PHILLIPS 66 COMPANY, US
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[54] **URETHANE MODIFIED WATER-REDUCIBLE ALKYD RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINE ALKYDE DILUABLES A L'EAU MODIFIEES PAR URETHANE**
[72] REIDLINGER, GERHARD, DR., AT
[73] ALLNEX AUSTRIA GMBH, AT
[85] 2013-01-22
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[25] EN
[54] **DUAL CHAMBER SYRINGE WITH RETRACTABLE NEEDLE**
[54] **SERINGUE A DEUX CHAMBRES POURVUE D'UNE AIGUILLE RETRACTABLE**
[72] ZIVKOVIC, IVAN, US
[72] BATTLES, CHRISTOPHER A., US
[72] GLEASON, JAMES, US
[72] RADZIUNAS, JEFFREY, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **EXTERNAL HEATING TYPE COAL MATERIAL DECOMPOSITION APPARATUS WITH MULTIPLE TUBES**
[54] **DISPOSITIF DE DECOMPOSITION D'UNE MATIERE DE TYPE CHARBON POUR CHAUFFAGE EXTERNE DOTE DE PLUSIEURS TUYAUX**
[72] ZHU, SHUCHENG, CN
[73] XIXIA DRAGON INTO SPECIAL MATERIAL CO., LTD, CN
[85] 2013-01-28
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[25] EN
[54] **CAPACITIVE TOUCH SCREEN HAVING DYNAMIC CAPACITANCE CONTROL AND IMPROVED TOUCH-SENSING**
[54] **ECRAN TACTILE CAPACITIF AYANT UNE COMMANDE DE CAPACITE DYNAMIQUE ET UNE DETECTION DE TOUCHER AMELIOREE**
[72] WADIA, BAHAR N., US
[73] UICO, INC., US
[85] 2013-02-01
[86] 2011-08-29 (PCT/US2011/049590)
[87] (WO2012/027754)
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[13] C
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[54] **SYSTEME ET PROCEDE DE PARTAGE DE DONNEES PARMI MULTIPLES DISPOSITIFS ELECTRONIQUES**
[72] EARNSHAW, ANDREW MARK, CA
[72] WENG, JIANFENG, CA
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF PORTATIF D'ENTRAINEMENT AU TENNIS DE TABLE ET LES METHODES D'UTILISATION ASSOCIEES**
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[72] ZOZULYA, SERGEI LEONIDOVICH, UA
[72] ALEXANDROV, SERGEI NIKOLAEVICH, UA
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[54] **APPAREIL D'INSPECTION D'ISOLANT ET METHODE**
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[72] DE BEER, ANTONIUS LAMBERTUS, US
[72] ISELE, OLAF ERIK ALEXANDER, US
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[72] ELKINS, ELIZABETH WINTERS, US
[72] MCGRATH, CHRISTIE PATRICK, US
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[54] **COMMANDE D'AMPLITUDE DANS ENVIRONNEMENT A CHARGE VARIABLE**
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[54] **SYSTEME AUDIOVISUEL SANS FIL A APPAIRAGE AUTOMATIQUE**
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[73] ASA ELECTRONICS, INC., US
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[54] **PROCEDE DE FILTRAGE A DEUX ETAGES POUR SUIVI DE CIBLES MULTIPLES**
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[72] NOURELDIN, ABOELMAGD, CA
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[72] BOHNERT, GARY, US
[72] JIANG, JUN, US
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[73] SYNTA PHARMACEUTICALS CORP., US
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[72] JEN, CATHERINE, US
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[54] **SYSTEME ET METHODE DE GEOREPERAGE**
[72] RESHETNYAK, MYKHAYLO MICHAEL, CA
[72] NURSIMULU, KHENAIDOO, CA
[72] LI, ANDREW ANDREY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MRI COMPATIBLE MEDICAL DEVICE TEMPERATURE MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE TEMPERATURE DE DISPOSITIF MEDICAL COMPATIBLE AVEC UNE IRM**
[72] JESTER, STEVEN J., US
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[54] **SIGNALING SYNTAX ELEMENTS FOR TRANSFORM COEFFICIENTS FOR SUB-SETS OF A LEAF-LEVEL CODING UNIT**
[54] **ELEMENTS SYNTAXIQUES DE SIGNALISATION POUR DES COEFFICIENTS DE TRANSFORMEE DESTINES A DES SOUS-ENSEMBLES D'UNE UNITE DE CODAGE DE NIVEAU FEUILLE**
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[72] WANG, XIANGLIN, US
[72] GUO, LIWEI, US
[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE D'INTERPOLATION D'IMAGES UTILISANT UN FILTRE D'INTERPOLATION ASYMETRIQUE ET APPAREIL CORRESPONDANT**
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[72] ALSHIN, ALEXANDER, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SHAPE MEMORY ALLOY ACTUATION SYSTEM FOR VARIABLE AREA FAN NOZZLE**
[54] **SYSTEME D'ACTIONNEMENT PAR ALLIAGE A MEMOIRE DE FORME POUR TUYERE DE SOUFFLANTE A SECTION VARIABLE**
[72] JASKLOWSKI, CHRISTOPHER T., US
[73] THE BOEING COMPANY, US
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[54] **STONE SAW**
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[72] KAHKONEN, MIKA, FI
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[73] NURMEKSEN TYOSTO JA TARVIKE OY, FI
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[54] **RESEAU DE CAPTEUR UTLISANT DES SIGNAUX MODULES PAR LARGEUR D'IMPULSION**
[72] RAY, GARY A., US
[72] PETRE, PETER, US
[73] THE BOEING COMPANY, US
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[54] **TORCHE PLASMA ET COMPOSANTS**
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[72] CROWE, GEORGE ARTHUR, US
[72] KUSAK, TOMAS, US
[72] LAPCIK, ZDENEK, US
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[54] **SYSTEME, PROCEDE ET APPAREIL POUR DRAINAGE SOUS UNE TERRASSE**
[72] SHAW, ROBERT D., US
[72] GILBERT, THOMAS C., US
[72] STUCKY, DAVID J., US
[72] WHITNEY, NIKKI J., US
[72] WOOD, LUCAS D., US
[72] STEFFES, STEPHEN W., US
[73] CERTAINTEED CORPORATION, US
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[72] MADDEN, JAMES, US
[72] CHANG, SETH, US
[72] NGUYEN, HUAN C., US
[72] JECEN, JOSEPH C., US
[73] CORDELIA LIGHTING INC., US
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[72] DENORMAND, RICHARD S., US
[72] RODEMS, ERIC, US
[72] SOFIANEK, JAY, US
[72] LUCCI, ROBERT M., US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
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[54] **MOYENS POUR L'ETANCHEIFICATION CONTROLEE DE DISPOSITIFS ENDOVASCULAIRES**
[72] SOMMER-KNUDSEN, JENS, AU
[72] MITRA, ASHISH SUDHIR, AU
[72] NG, MARTIN KEAN CHONG, AU
[72] WONG, PAK MAN VICTOR, AU
[72] BOBILLIER, BEN COLIN, AU
[73] ENDOLUMINAL SCIENCES PTY LTD., AU
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[54] **CONVERSION D'UNITES D'ALKYLATION D'ACIDE SULFURIQUE POUR DES PROCEDES D'ALKYLATION CATALYSES PAR UN LIQUIDE IONIQUE**
[72] CLEVERDON, ROBERT FLETCHER, US
[72] PHILLIPS, CHRISTINE MARIE, US
[72] TIMKEN, HYE KYUNG CHO, US
[73] CHEVRON U.S.A. INC., US
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[72] TOH, CHIN H., US
[73] THE BOEING COMPANY, US
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[54] **INSTRUMENTED CORE BARRELS AND METHODS OF MONITORING A CORE WHILE THE CORE IS BEING CUT**
[54] **TUBES CAROTTIERS MUNIS D'INSTRUMENTS ET PROCEDES DE SURVEILLANCE D'UNE CAROTTE PENDANT SA DECOUPE**
[72] BITTAR, MICHAEL S., US
[72] WEAVER, GARY E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **IMPLANT MAMMAIRE A FAIBLE COEFFICIENT DE FROTTEMENT ENTRE LES COQUES INTERNES DANS UN ENVIRONNEMENT FLUIDE AQUEUX**
[72] HAMAS, ROBERT S., US
[72] BACK, DWIGHT D., US
[72] YACOUB, KEVIN, US
[73] IDEAL IMPLANT INCORPORATED, US
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[54] **METHOD AND DEVICE FOR ESTABLISHING A BOREHOLE IN THE SEABED**
[54] **PROCEDE ET DISPOSITIF POUR ETABLIR UN FORAGE DANS LE FOND DE L'OCEAN**
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[72] EIKEMO, BERNT, NO
[73] ENHANCED DRILLING AS, NO
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[54] **MANGEOIRE A OISEAUX EN FORME DE LANTERNE**
[72] COTE, PAUL L., CA
[73] PLC PATENTS AND TRADE MARKS INC., CA
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[54] **MOTEUR FERROFLUIDIQUE**
[72] DETLOFF, SHAUN, US
[73] THE BOEING COMPANY, US
[86] (2855332)
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[54] **RASOIR DISTRIBUTEUR DE FLUIDE**
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[72] WAIN, KEVIN JAMES, GB
[73] THE GILLETTE COMPANY LLC, US
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[54] **COATING COMPOSITION FOR A FOOD OR BEVERAGE CAN**
[54] **COMPOSITION DE REVETEMENT POUR UNE BOITE D'ALIMENT OU DE BOISSON**
[72] LOCK, KAM, GB
[72] DUCROCQ, M. LAUDINE, FR
[72] MARAL, JEAN-LUC, FR
[72] SMETS, GREGORY, FR
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **SYSTEMS AND METHODS TO FACILITATE A REQUEST FOR OILFIELD SERVICES USING A DATA TRANSFER PROTOCOL**
[54] **SYSTEMES ET PROCEDES POUR FACILITER UNE REQUETE POUR DES SERVICES PETROLIERS A L'AIDE D'UN PROTOCOLE DE TRANSFERT DE DONNEES**
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[72] SCHAVE, ROBERT A., US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **ARCHITECTURE D'ALIMENTATION PRIMAIRE DISTRIBUEE POUR CENTRES D'EQUIPEMENT MODULAIRES**
[72] SHANDER, MARK S., US
[72] LIFFRING, MARK E., US
[72] BROUWER, TODD B., US
[72] JOHNSON, ROBERT T., US
[72] KERR, CAROLYN, US
[72] PETERS, JOHN T., US
[72] JACKSON, TIMOTHY E., US
[72] HASENOEHRL, THOMAS R., US
[72] WALSTROM, STEVEN M., US
[72] NORDSIECK, ARNOLD W., US
[72] SPRINGGAY, ROBERT L., US
[73] THE BOEING COMPANY, US
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[54] **SYSTEM AND METHOD FOR EYELID SIMULATION**
[54] **SYSTEME ET PROCEDE DE STIMULATION DE PAUPIERE**
[72] LINDENTHALER, WERNER, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2014-06-06
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[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01)**
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[54] **SOLID FORMS OF (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO-[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE HYDROCHLORIDE**
[54] **FORMES SOLIDES DE CHLORHYDRATE DE (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO-[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**
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[72] GRUSS, MICHAEL, DE
[72] SIEBER, ANDREAS, CH
[73] GRUNENTHAL GMBH, DE
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[54] **RECEPTEUR DE COMMUNICATIONS PAR LIGNES DE TRANSPORT D'ELECTRICITE**
[72] GLENDE, JAMES HILMER, US
[73] LANDIS+GYR TECHNOLOGIES, LLC, US
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[25] EN
[54] **COMMUNICATION MANAGEMENT SYSTEM, COMMUNICATION SYSTEM, COMPUTER-READABLE RECORDING MEDIUM, AND MAINTENANCE SYSTEM**
[54] **SYSTEME DE GESTION DE COMMUNICATION, SYSTEME DE COMMUNICATION, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR ET SYSTEME DE MAINTENANCE**
[72] ASAI, TAKAHIRO, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-06-25
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[54] **SYSTEMS AND METHODS OF CONSTRUCTING COMPOSITE ASSEMBLIES**
[54] **SYSTEMES ET PROCEDES DE CONSTRUCTION D'ENSEMBLES COMPOSITES**
[72] MEASOM, RONALD J., US
[72] RAINS, MITCHELL ELVIN, US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **PROCESS FOR THE PREPARATION OF AN AQUEOUS SOLUTION COMPRISING AT LEAST ONE EARTH ALKALI HYDROGEN CARBONATE AND ITS USE**
[54] **PROCEDE POUR LA PREPARATION D'UNE SOLUTION AQUEUSE COMPRENANT AU MOINS UN CARBONATE D'HYDROGENE ALCALINO-TERREUX ET SON UTILISATION**
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] GANE, PATRICK A. C., CH
[72] BLUM, RENE VINZENZ, CH
[72] POFFET, MARTINE, CH
[73] OMYA INTERNATIONAL AG, CH
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[54] **MULTI-MODE AUDIO CODEC AND CELP CODING ADAPTED THEREFORE**
[54] **CODEC AUDIO MULTIMODE ET CODAGE CELP ADAPTE A CE CODEC**
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] MULTRUS, MARKUS, DE
[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[22] 2010-10-19
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[54] **MULTI-MODE AUDIO CODEC AND CELP CODING ADAPTED THEREFORE**
[54] **CODEC AUDIO MULTIMODE ET CODAGE CELP ADAPTE A CE CODEC**
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[72] FUCHS, GUILLAUME, DE
[72] MULTRUS, MARKUS, DE
[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **DETERMINING CONTEXTS FOR CODING TRANSFORM COEFFICIENT DATA IN VIDEO CODING**
[54] **DETERMINATION DE CONTEXTES POUR CODER DES DONNEES DE COEFFICIENT DE TRANSFORMEE EN CODAGE VIDEO**
[72] SEREGIN, VADIM, US
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-07-08
[86] 2013-01-11 (PCT/US2013/021261)
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[30] US (61/586,668) 2012-01-13
[30] US (61/588,595) 2012-01-19
[30] US (61/597,097) 2012-02-09
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[13] C
[51] **Int.Cl. A61K 39/15 (2006.01)**
[25] EN
[54] **ROTAVIRUS SUBUNIT VACCINES AND METHODS OF MAKING AND USE THEREOF**
[54] **VACCINS SOUS-UNITAIRES ANTIROTAVIRUS ET LEURS PROCEDES DE FABRICATION ET UTILISATION**
[72] BEY, RUSSELL F., US
[72] SIMONSON, RANDY R., US
[72] SIRIGIREDDY, KAMESH REDDY, US
[72] HAUSE, BENJAMIN MATTHEW, US
[73] MERIAL, INC., US
[85] 2014-08-07
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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFER OF A MESSAGE ON A COMMON CONTROL CHANNEL FOR RANDOM ACCESS IN A WIRELESS COMMUNICATION NETWORK**
[54] **PROCEDE ET APPAREIL POUR LE TRANSFERT D'UN MESSAGE SUR UN CANAL DE SIGNALISATION COMMUN POUR L'ACCES ALEATOIRE DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] KITAZOE, MASATO, US
[72] MEYLAN, ARNAUD, US
[73] QUALCOMM INCORPORATED, US
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[87] (2864505)
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[25] EN
[54] **STEEL SHEET FOR HOT STAMPING, METHOD FOR PRODUCTION THEREOF, AND HOT STAMPING STEEL MATERIAL**
[54] **TOLE D'ACIER DESTINEE A L'EMBOUTISSAGE A CHAUD, SON PROCEDE DE PRODUCTION ET MATERIAU EN ACIER EMBOUTI A CHAUD**
[72] TANAHASHI, HIROYUKI, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-08-28
[86] 2013-03-05 (PCT/JP2013/055992)
[87] (WO2013/133270)
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[11] **2,866,454**
[13] C
[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **WOUND CARE ARRANGEMENT AND COVERING UNIT THEREFOR**
[54] **DISPOSITIF DE SOIN DES PLAIES ET SON MOYEN DE RECOUVREMENT**
[72] GRILLITSCH, PETER, AT
[72] DANEI, FEDERICO, AT
[72] STEINLECHNER, ERIK, AT
[72] KAINZ, SONJA, AT
[73] LOHMANN & RAUSCHER GMBH, AT
[85] 2014-09-05
[86] 2013-03-05 (PCT/EP2013/000636)
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[51] **Int.Cl. A23K 20/163 (2016.01) A23K 20/121 (2016.01) A23K 50/10 (2016.01)**
[25] EN
[54] **FEED COMPOSITION FOR REDUCING RUMINANT METHANOGENESIS**
[54] **COMPOSITION D'ALIMENTATION PERMETTANT DE REDUIRE LA METHANOGENESE DES RUMINANTS**
[72] BALCELLS TERES, JOAQUIM, ES
[72] CRESPO MONTERO, FRANCISCO JAVIER, ES
[73] INTERQUIM, S.A., ES
[85] 2014-09-29
[86] 2013-04-18 (PCT/EP2013/058113)
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[30] EP (12164765.5) 2012-04-19

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[25] EN
[54] **METHODS OF USING NANOPARTICLE SUSPENSION AIDS IN SUBTERRANEAN OPERATIONS**
[54] **PROCEDES D'UTILISATION D'AUXILIAIRES DE SUSPENSION DE NANOPARTICULES DANS DES OPERATIONS SOUTERRAINES**
[72] NGUYEN, PHILIP, US
[72] LORD, PAUL D., US
[72] RICKMAN, RICHARD D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-03
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[30] US (13/529,413) 2012-06-21

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[13] C
[51] **Int.Cl. H01M 8/1004 (2016.01) H01M 8/0202 (2016.01) H01M 4/88 (2006.01)**
[25] EN
[54] **MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL, FUEL CELL STACK, AND METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY**
[54] **ENSEMBLE MEMBRANE-ELECTRODE, PILE A COMBUSTIBLE, EMPILEMENT DE PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION D'UN ENSEMBLE MEMBRANE-ELECTRODE**
[72] SHIOMI, TAKESHI, JP
[72] AOKI, OSAMU, JP
[72] IRITSUKI, KEITA, JP
[72] SATOU, KAZUYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-10-03
[86] 2013-04-04 (PCT/JP2013/002348)
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[30] JP (2012-085610) 2012-04-04
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[51] **Int.Cl. G02B 6/122 (2006.01) G02B 6/30 (2006.01) G02F 1/035 (2006.01)**
[25] EN
[54] **OPTICAL MODULE**
[54] **MODULE OPTIQUE**
[72] SHIKAMA, KOTA, JP
[72] ASAKAWA, SHUICHIRO, JP
[72] ARATAKE, ATSUSHI, JP
[72] TSUZUKI, KEN, JP
[72] MINO, SHINJI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[51] **Int.Cl. E21B 17/04 (2006.01) E21B 17/06 (2006.01) E21B 19/18 (2006.01)**
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[54] **PRESSURE ACTIVATED CONTINGENCY RELEASE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LIBERATION DE CONTINENCE ACTIVEE PAR PRESSION**
[72] NOFFKE, RICHARD PAUL, US
[72] STAUTZENBERGER, ARTHUR TERRY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-08
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[54] **DRILLING ASSEMBLY WITH HIGH-SPEED MOTOR GEAR SYSTEM**
[54] **ENSEMBLE DE FORAGE EQUIPE D'UN SYSTEME D'ENGRENAGES POUR MOTEUR A HAUTE VITESSE**
[72] STRITTMATTER, ANDREW JEROME, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-10
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[25] EN
[54] **APPARATUS AND METHOD FOR PRIMING A MOLTEN METAL FILTER**
[54] **APPAREIL ET PROCEDE D'AMORCAGE D'UN METAL FONDU**
[72] KENNEDY, MARK WILLIAM, NO
[72] AKHTAR, SHAHID, NO
[72] FRITZSCH, ROBERT, DE
[72] BAKKEN, JON ARNE, NO
[72] AUNE, RAGNHILD ELISABETH, SE
[73] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
[85] 2014-10-22
[86] 2013-04-25 (PCT/IB2013/000775)
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[25] EN
[54] **AUDIO ENCODER AND DECODER FOR ENCODING AND DECODING AUDIO SAMPLES**
[54] **ENCODEUR ET DECODEUR AUDIO POUR ENCODER ET DECODER DES ECHANTILLONS AUDIO**
[72] LECOMTE, JEREMIE, DE
[72] GOURNAY, PHILIPPE, CA
[72] BAYER, STEFAN, DE
[72] MULTRUS, MARKUS, DE
[72] BESSETTE, BRUNO, CA
[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[87] (2871498)
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[54] **CATHETER AND GUIDE TUBE FOR INTRACEREBRAL APPLICATION**
[54] **CATHETER ET TUBE DE GUIDAGE DESTINES A DES APPLICATIONS INTRACEREBRALES**
[72] GILL, STEVEN STREATFIELD, GB
[73] RENISHAW PLC, GB
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[54] **FLEXIBLE CONTAINERS**
[54] **RECIPIENTS FLEXIBLES**
[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-11-05
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[30] US (61/643,813) 2012-05-07
[30] US (61/643,823) 2012-05-07
[30] US (61/676,042) 2012-07-26
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[30] US (61/780,039) 2013-03-13
[30] US (61/782,219) 2013-03-14
[30] US (61/782,951) 2013-03-14
[30] US (61/782,859) 2013-03-14
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[51] **Int.Cl. B65B 1/02 (2006.01) B65B 1/30 (2006.01) G01F 11/28 (2006.01) G01G 19/32 (2006.01)**
[25] EN
[54] **METHOD FOR FILLING BAGS WITH A METERED QUANTITY OF BULK MATERIAL, APPARATUS AND AUTOMATIC MACHINE FOR IMPLEMENTING THE METHOD**
[54] **PROCEDE DE REMPLISSAGE DE SACS AVEC UNE QUANTITE MESUREE D'UN MATERIAU EN VRAC, APPAREIL ET MACHINE AUTOMATIQUE DE MISE EN OEUVRE DU PROCEDE**
[72] CANESTRI, PAOLO, IT
[72] CECCACCI, GIANNI, IT
[72] CONCETTI, TEODORO, IT
[73] CONCETTI S.P.A., IT
[86] (2874893)
[87] (2874893)
[22] 2014-12-11
[30] IT (MI2013A002210) 2013-12-27

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[25] EN
[54] **DAMPENER LUBRICATOR FOR PLUNGER LIFT SYSTEM**
[54] **LUBRIFICATEUR AMORTISSEUR POUR SYSTEME DE REMONTEE A PLONGEUR**
[72] AGARWAL, MANISH, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2875423)
[87] (2875423)
[22] 2014-12-19
[30] US (14/137,145) 2013-12-20

[11] **2,875,479**
[13] C
[51] **Int.Cl. B03D 1/16 (2006.01)**
[25] EN
[54] **FLOTATION MACHINE ROTOR**
[54] **ROTOR DE MACHINE DE FLOTTAISON**
[72] YOON, ROE-HOAN, US
[72] LUTTRELL, GERALD, US
[72] RAGAB, SAAD, US
[72] TELIONIS, DEMETRI, US
[72] SAID, ABDEL-HALIM, EG
[72] MISKOVIC, SANJA, US
[72] NOBLE, AARON, US
[72] YANG, YIHONG, US
[73] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
[85] 2014-12-02
[86] 2013-05-08 (PCT/US2013/040057)
[87] (WO2014/003894)
[30] US (13/535,566) 2012-06-28

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[13] C
[51] **Int.Cl. B25B 27/00 (2006.01) B25B 7/02 (2006.01)**
[25] EN
[54] **LUG NUT CAP REMOVER PLIERS**
[54] **PINCE D'EXTRACTION DE CALOTTE D'ECROU DE ROUE**
[72] RAMPERSAD, NEIL, CA
[72] ST. GELAIS, DAN, CA
[73] RAMPERSAD, NEIL, CA
[73] ST. GELAIS, DAN, CA
[85] 2014-12-03
[86] 2012-06-26 (PCT/IB2012/053213)
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[11] **2,876,488**
[13] C
[51] **Int.Cl. B25B 21/00 (2006.01) B25B 13/46 (2006.01)**
[25] EN
[54] **ELECTRIC RATCHET WRENCH**
[54] **CLE A ROCHET ELECTRIQUE**
[72] HU, BOBBY, TW
[72] LO, CHI-JUI, TW
[73] HU, BOBBY, TW
[86] (2876488)
[87] (2876488)
[22] 2015-01-05
[30] TW (103131287) 2014-09-11

[11] **2,877,544**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) F16K 31/08 (2006.01) F16K 35/16 (2006.01)**
[25] EN
[54] **FLUID FLOW CONTROL DEVICES, ROTORS AND MAGNETS WITH INCREASED RESISTANCE TO INADVERTENT SETTING CHANGE AND IMPROVED ACCESSORY TOOL COUPLING**
[54] **DISPOSITIFS DE REGULATION D'ECOULEMENT DE FLUIDE, ROTORS ET AIMANTS A RESISTANCE ACCRUE CONTRE UNE MODIFICATION ACCIDENTELLE DE REGLAGE ET COUPLAGE AMELIORE D'OUTILS ACCESSOIRES**
[72] BERTRAND, W. JEFF, US
[72] SPECKMAN, LORI, US
[72] LUEDI, MANFRED KARL, US
[72] LUENG, CHUN MAN ALAN, US
[72] HAMPTON, LAWRENCE, US
[72] SHAH, DEEP, US
[73] MEDTRONIC XOMED, INC., US
[85] 2014-12-19
[86] 2013-03-14 (PCT/US2013/031631)
[87] (WO2013/191766)
[30] US (61/662,664) 2012-06-21

[11] **2,877,604**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF RESOLVING A DOMAIN NAME**
[54] **SYSTEME ET PROCEDE DE RESOLUTION D'UN NOM DE DOMAINE**
[72] BULLEY, CHRISTOPHER, CA
[72] GRAHAM, ROBERT, CA
[72] LADANYI, MICHAEL, CA
[73] CRB CONSULTING INC., CA
[85] 2014-12-22
[86] 2013-07-04 (PCT/CA2013/000597)
[87] (WO2014/000088)
[30] US (13,531,909) 2012-06-25

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[51] **Int.Cl. C10G 3/00 (2006.01) B08B 9/04 (2006.01) C10G 11/00 (2006.01) C10G 11/18 (2006.01) F16L 55/26 (2006.01) F16L 55/46 (2006.01)**
[25] EN
[54] **METHODS AND FUEL PROCESSING APPARATUSES FOR UPGRADING A PYROLYSIS OIL STREAM AND A HYDROCARBON STREAM**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT DE COMBUSTIBLES POUR LA MISE A NIVEAU D'UN COURANT D'HUILE DE PYROLYSE ET D'UN COURANT D'HYDROCARBURES**
[72] KULPRATHIPANJA, SATHIT, US
[72] PALMAS, PAOLO, US
[72] BAIRD, LANCE AWENDER, US
[73] UOP LLC, US
[85] 2015-01-12
[86] 2013-05-14 (PCT/US2013/040851)
[87] (WO2014/021974)
[30] US (13/563,125) 2012-07-31

[11] **2,878,917**
[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) C10G 11/00 (2006.01) C10G 11/18 (2006.01)**
[25] EN
[54] **METHODS AND FUEL PROCESSING APPARATUSES FOR UPGRADING A PYROLYSIS OIL STREAM AND A HYDROCARBON STREAM**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT DE COMBUSTIBLE POUR VALORISER UN COURANT D'HUILE PYROLYTIQUE ET UN COURANT D'HYDROCARBURE**
[72] BAIRD, LANCE AWENDER, US
[72] PALMAS, PAOLO, US
[72] KULPRATHIPANJA, SATHIT, US
[73] UOP LLC, US
[85] 2015-01-12
[86] 2013-05-14 (PCT/US2013/040879)
[87] (WO2014/021975)
[30] US (13/563,172) 2012-07-31

[11] **2,879,781**
[13] C
[51] **Int.Cl. A01G 31/00 (2006.01) A01D 44/00 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **FLOATING TREATMENT BED FOR PLANTS**
[54] **LIT DE TRAITEMENT FLOTTANT POUR VEGETAUX**
[72] CURRY, MICHAEL F., CA
[73] CURRY, MICHAEL F., CA
[86] (2879781)
[87] (2879781)
[22] 2015-01-26

[11] **2,879,806**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **DOWN-HOLE MONITORING AND SURVEY SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET DE RECONNAISSANCE DE FOND DE FORAGE**
[72] MAHER, AARON COPE, AU
[72] MAHER, DION JAYE, AU
[72] CROUCH, ADRIAN JAMES, AU
[72] LANE, CHRISTOPHER DAVID, AU
[73] PRECISION SYSTEMS INTERNATIONAL IP PTY LTD, AU
[85] 2015-01-22
[86] 2013-07-25 (PCT/AU2013/000817)
[87] (WO2014/015372)
[30] AU (2012903170) 2012-07-25

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[13] C
[51] **Int.Cl. A41D 1/00 (2006.01) A41F 19/00 (2006.01)**
[25] EN
[54] **KIMONO**
[54] **KIMONO**
[72] INOUE, TOMOKO, JP
[72] HOSOKAWA, CHIE, JP
[73] INOUE, TOMOKO, JP
[73] HOSOKAWA, CHIE, JP
[85] 2015-01-22
[86] 2013-07-23 (PCT/JP2013/069849)
[87] (WO2014/034325)
[30] JP (2012-185994) 2012-08-27

[11] **2,880,891**
[13] C
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **DECODER AND METHOD FOR MULTI-INSTANCE SPATIAL-AUDIO-OBJECT-CODING EMPLOYING A PARAMETRIC CONCEPT FOR MULTICHANNEL DOWNMIX/UPMIX CASES**
[54] **DECODEUR ET PROCEDE POUR CODAGE D'OBJET AUDIO SPATIAL MULTI-INSTANCES EMPLOYANT UN CONCEPT PARAMETRIQUE POUR DES CAS DE MELANGE VERS LE BAS/HAUT MULTI-CANAUX**
[72] KASTNER, THORSTEN, DE
[72] HERRE, JURGEN, DE
[72] TERENTIV, LEON, DE
[72] HELLMUTH, OLIVER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-02-02
[86] 2013-08-05 (PCT/EP2013/066374)
[87] (WO2014/020181)
[30] US (61/679,412) 2012-08-03

[11] **2,881,038**
[13] C
[51] **Int.Cl. E05D 15/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONTROLLING THE MOTION OF A SLIDING DOOR**
[54] **APPAREIL DE CONTROLE DU MOUVEMENT D'UNE PORTE COULISSANTE**
[72] PARON, GREGORY JOHN, CA
[73] K.N. CROWDER MFG. INC., CA
[86] (2881038)
[87] (2881038)
[22] 2015-02-05

[11] **2,881,807**
[13] C
[51] **Int.Cl. G01V 1/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGING SEISMIC DATA**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'IMAGER DES DONNEES SISMIQUES**
[72] JIANG, FAN, US
[72] JIN, SHENGWEN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-02-11
[86] 2012-08-17 (PCT/US2012/051387)
[87] (WO2014/028030)

[11] **2,882,168**
[13] C
[51] **Int.Cl. H02G 15/00 (2006.01) H02G 3/06 (2006.01) H02G 15/02 (2006.01)**
[25] EN
[54] **CABLE RESTRAIN DEVICE WITH DUAL-MATERIAL DOUBLE WEDGE CHUCK**
[54] **DISPOSITIF DE RETENUE DE CABLE COMPORTANT UN MANDRIN A DOUBLE CALE FAIT DE DEUX MATERIAUX**
[72] PELLETIER, JEAN-MICHEL, CA
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2882168)
[87] (2882168)
[22] 2015-02-17
[30] US (14/217,720) 2014-03-18

[11] **2,882,436**
[13] C
[51] **Int.Cl. F25D 23/06 (2006.01) F25D 23/02 (2006.01) F25D 23/04 (2006.01)**
[25] EN
[54] **REFRIGERATOR AND MANUFACTURING METHOD THEREOF**
[54] **REFRIGERATEUR ET SON PROCEDE DE FABRICATION**
[72] KIM, KI YOUN, KR
[72] YANG, SEUNG YONG, KR
[72] LEE, JEE HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-02-19
[86] 2013-08-30 (PCT/KR2013/007826)
[87] (WO2014/035186)
[30] KR (10-2012-0097373) 2012-09-03

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[13] C
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/42 (2006.01) C09K 8/44 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **THERMALLY-ACTIVATED, HIGH-TEMPERATURE PARTICULATE SUSPENDING AGENTS AND METHODS RELATING THERETO**
[54] **AGENTS DE MISE EN SUSPENSION DE PARTICULES A TEMPERATURE ELEVEE, ACTIVES THERMIQUEMENT, ET PROCEDES APPARENTES CORRESPONDANTS**
[72] FUNKHOUSER, GARY P., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-18
[86] 2013-09-12 (PCT/US2013/059373)
[87] (WO2014/046953)
[30] US (13/622,005) 2012-09-18

[11] **2,884,278**
[13] C
[51] **Int.Cl. H04N 19/70 (2014.01) H04N 21/2343 (2011.01) H04N 19/136 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **BITSTREAM CONFORMANCE TEST IN VIDEO CODING**
[54] **TEST DE CONFORMITE D'UN TRAIN DE BITS DANS LE VIDEOCODAGE**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-06
[86] 2013-09-18 (PCT/US2013/060403)
[87] (WO2014/047178)
[30] US (61/705,102) 2012-09-24
[30] US (13/918,062) 2013-06-14

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[13] C
[51] **Int.Cl. G10L 21/038 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING A BANDWIDTH EXTENDED SIGNAL FROM A BANDWIDTH LIMITED AUDIO SIGNAL**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE GENERER UN SIGNAL DE BANDE PASSANTE ETENDU A PARTIR D'UN SIGNAL AUDIO LIMITE DE BANDE PASSANTE**
[72] NAGEL, FREDERIK, DE
[72] WILDE, STEPHAN, DE
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[25] EN
[54] **METHOD AND APPARATUS FOR THERMALLY TREATING AN ALUMINIUM WORKPIECE AND ALUMINIUM WORKPIECE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRAITER THERMIQUEMENT UNE PIECE A TRAVAILLER EN ALUMINIUM, ET PIECE A TRAVAILLER EN ALUMINIUM**
[72] JUPP, SIMON, DE
[73] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
[85] 2015-03-12
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[54] **LOCATING PARTS WITH ELECTROMAGNETIC IDENTIFICATION (EMID) TAGS FOR CONTEXTUAL VISUALIZATION**
[54] **REPERAGE DE PIECES A L'AIDE D'ETIQUETTES D'IDENTIFIANT ELECTROMAGNETIQUE A DES FINS DE VISUALISATION CONTEXTUELLE**
[72] KUMAR, ANIL, US
[72] LI, WINFENG, US
[72] AYYAGARI, ARUN, US
[72] UNG, KEVIN Y., US
[72] SHETTY, SUDHAKAR S., US
[73] THE BOEING COMPANY, US
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[54] **SYSTEME DE PARTAGE DE DONNEES POUR L'ENTRAINEMENT D'AVIONS**
[72] WOKURKA, JOHN, US
[72] LUECKE, KENN R., US
[72] LIEFER, DAVID K., US
[73] THE BOEING COMPANY, US
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[54] **LOCKING ADJUSTABLE GUTTER HANGER**
[54] **SUPPORT DE GOUTTIERE AJUSTABLE BLOQUANT**
[72] IANNELLI, ANTHONY M., US
[73] IANNELLI, ANTHONY M., US
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[25] EN
[54] **SYSTEM AND METHOD FOR MACHINE-TO-MACHINE PRIVACY AND SECURITY BROKERED TRANSACTIONS**
[54] **SYSTEME ET PROCEDE POUR UNE CONFIDENTIALITE DE MACHINE A MACHINE ET DES TRANSACTIONS DE SECURITE EFFECTUEES PAR DES COURTIERS**
[72] MULHEARN, PATRICK F.X., US
[72] HEARN, FRANCIS J., US
[73] MOBILE SEARCH SECURITY LLC, US
[85] 2015-04-07
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[54] **CHILD-RESISTANT BLISTER PACKAGE**
[54] **EMBALLAGE-COQUE A L'EPREUVE DES ENFANTS**
[72] TROMBLEY, KURT FRANKLIN, US
[72] CHAN, KAREN LAI-TING, US
[72] LAFOSSE-MARIN, ISABELLE, US
[72] MOROSEY, JAY ROBERT, JR., US
[72] SANCHEZ, KARLA MISHELL, US
[72] SCHMEICHEL, KELLY LEE, US
[73] THE PROCTER AND GAMBLE COMPANY, US
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[54] **MATERIAL INCLUSION TREAD**
[54] **BANDE DE ROULEMENT A INCLUSION DE MATIERE**
[72] LUNDGREN, PAULA R., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
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[54] **EXTRUDED NUTRITIONAL POWDERS HAVING IMPROVED EMULSION STABILITY AND DISPERSIBILITY AND METHODS OF MANUFACTURING SAME**
[54] **POUDRES NUTRITIONNELLES EXTRUDEES AYANT UNE STABILITE ET UNE DISPERSIBILITE D'EMULSION AMELIOREES ET LEURS PROCEDES DE FABRICATION**
[72] MAZER, TERRENCE, US
[72] KESSLER, THOMAS, DE
[72] DEWILLE, NORMANELLA, US
[72] WEARLY, DOUGLAS, US
[72] HEO, YOUNGSUK, US
[72] WESTEDT, ULRICH, DE
[72] KATZ, GARY, US
[72] LAU, EIK-LANG, US
[73] ABBOTT LABORATORIES, US
[73] ABBOTT GMBH & CO. KG, DE
[85] 2015-03-20
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[51] **Int.Cl. A23L 23/00 (2016.01) A23L 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A FISH SAUCE AND A FISH SAUCE PREPARED BY THE SAME**
[54] **PROCEDE DE FABRICATION D'UNE SAUCE DE POISSON ET SAUCE DE POISSON PREPAREE AU MOYEN DE CELUI-CI**
[72] LEE, HO WOO, KR
[72] OH, JI YOUNG, KR
[72] KANG, DAE IK, KR
[73] CJ CHEILJEDANG CORPORATION, KR
[86] (2888314)
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[54] **ANIMATION SEQUENCE ASSOCIATED WITH IMAGE**
[54] **SEQUENCE D'ANIMATION ASSOCIEE A UNE IMAGE**
[72] WALKIN, BRANDON MARSHALL, US
[72] MATAS, MICHAEL, US
[72] AMERIGE, BRIAN D., US
[73] FACEBOOK, INC., US
[85] 2015-04-16
[86] 2013-10-23 (PCT/US2013/066289)
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[54] **BATTERY POWERED SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL A BATTERIE**
[72] VIOLA, FRANK J., US
[72] KREHEL, GREGG, US
[72] PEDROS, GUIDO, US
[73] TYCO HEALTHCARE GROUP LP, US
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[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DETERMINING PLACEMENT OF PERFORATION INTERVALS USING FACIES, FLUID BOUNDARIES, GEOBODIES AND DYNAMIC FLUID PROPERTIES**
[54] **SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME INFORMATIQUE PERMETTANT DE DETERMINER LE PLACEMENT D'INTERVALLES DE PERFORATION UTILISANT LE FACIES, LES LIMITES FLUIDES, LES CORPS GEOGRAPHIQUES ET LES PROPRIETES FLUIDES DYNAMIQUES**
[72] DUPUY, ALAIN, FR
[72] RAMSAY, TRAVIS ST. GEORGE, US
[72] CROCKETT, STEVEN PAUL, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **METHOD FOR HEMATOCRIT CORRECTION AND GLUCOSE METER ADAPTED THEREFOR**
[54] **METHODE DE CORRECTION D'HEMATOCRITE ET GLUCOMETRE ADAPTE S'Y RAPPORTANT**
[72] SCHULAT, JOCHEN, DE
[72] TRICK, SEBASTIAN, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-05-07
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[25] EN
[54] **INPUT CONGRUENCE SYSTEM FOR FLIGHT CONTROL SURFACES**
[54] **MECANISME DE CONGRUENCE D'ENTREE POUR SURFACES DE COMMANDE DE VOL**
[72] YEH, YING CHIN, US
[73] THE BOEING COMPANY, US
[86] (2891307)
[87] (2891307)
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[30] US (14/332,514) 2014-07-16

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[25] EN
[54] **ACTUATED ARM FOR USE WITH A SHAKER**
[54] **BRAS ACTIONNE DESTINE A ETRE UTILISE AVEC UN AGITATEUR**
[72] JONES, BRADLEY N., US
[72] GEEHAN, THOMAS, US
[73] M-I L.L.C., US
[85] 2015-05-15
[86] 2013-11-14 (PCT/US2013/070109)
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[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/10 (2006.01)**
[25] EN
[54] **CLOSED FLUID TRANSFER SYSTEM**
[54] **SYSTEME FERME DE TRANSFERT DE FLUIDE**
[72] GARFIELD, JARED MICHAEL, US
[72] KOPLIN, RANDALL SCOTT, US
[72] KALLSEN, KENT JEFFREY, US
[72] LEE, DANIEL JUHYUNG, US
[72] MITCHELL, STEPHEN R., US
[72] SLUMP, JOHN R., US
[73] J&J SOLUTIONS, INC., US
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[87] (2891798)
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[54] **LOUNGE CHAIR**
[54] **CHAISE LONGUE**
[72] WILLIAMS, SCOTT J., US
[72] HORNBERGER, TIMOTHY G., US
[72] LENHART, TAD E., US
[72] BOSMAN, SCOTT A., US
[73] KRUEGER INTERNATIONAL, INC., US
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[54] **SLANT LENS INTERLACING**
[54] **ENTRELACEMENT DE LENTILLES INCLINEES**
[72] RAYMOND, MARK A., US
[72] SOTO, HECTOR ANDRES PORRAS, US
[73] LUMENCO, LLC, US
[85] 2015-05-27
[86] 2013-11-25 (PCT/US2013/071599)
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[25] EN
[54] **CONTAINER WITH SYNTHETIC RESIN WINDOW, PREFORM, AND PREFORM INJECTION MOLDING APPARATUS**
[54] **RECIPIENT POURVU D'UNE FENETRE EN RESINE SYNTHETIQUE, PREFORME ET APPAREIL DE MOULAGE PAR INJECTION DE PREFORMES**
[72] SOYAMA, HIDEAKI, JP
[72] ISHII, YUSUKE, JP
[73] YOSHINO KOGYOSYO CO., LTD., JP
[85] 2015-05-27
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[25] EN
[54] **METHODS AND APPARATUS FOR KIDNEY DIALYSIS AND EXTRACORPOREAL DETOXIFICATION**
[54] **METHODES ET APPAREIL DE DIALYSE ET DE DETOXIFICATION EXTRACORPORELLE**
[72] TUMLIN, JAMES A., US
[73] NEPHROGENESIS, LLC, US
[86] (2895721)
[87] (2895721)
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[30] US (62/031257) 2014-07-31
[30] WO (PCT/US2014/071212) 2014-12-18
[30] US (14/738308) 2015-06-12
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[51] **Int.Cl. H01H 1/06 (2006.01) H01H 19/10 (2006.01)**
[25] EN
[54] **MOVABLE CONTACT OF ELECTRIC SWITCH**
[54] **CONTACT MOBILE D'INTERRUPTEUR ELECTRIQUE**
[72] UITTO, OSKARI, FI
[72] SUUTARINEN, AKI, FI
[73] ABB OY, FI
[85] 2015-06-19
[86] 2013-04-19 (PCT/FI2013/050439)
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[51] **Int.Cl. G10K 11/175 (2006.01) B64C 1/40 (2006.01) B64D 47/00 (2006.01) G10K 11/162 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR AN ACTIVE AND PROGRAMMABLE ACOUSTIC METAMATERIAL**
[54] **APPAREIL ET METHODE DESTINES A UN METAMATERIAU ACOUSTIQUE ACTIF ET PROGRAMMABLE**
[72] CLEMEN, MARK JOSEPH, JR., US
[73] THE BOEING COMPANY, US
[86] (2896061)
[87] (2896061)
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[51] **Int.Cl. A61M 15/00 (2006.01)**
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[54] **INHALATION DEVICE, CONTROL METHOD AND COMPUTER PROGRAM**
[54] **DISPOSITIF D'INHALATION, PROCEDE DE COMMANDE ET PROGRAMME INFORMATIQUE**
[72] WEITZEL, DOUGLAS, US
[72] GUMASTE, ANAND V., US
[72] CHAN, PHILIP, US
[73] MICRODOSE THERAPEUTX, INC., US
[85] 2015-06-19
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[30] US (61/792,607) 2013-03-15
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **APPARATUS FOR AND METHOD OF MULTI-FACTOR AUTHENTICATION AMONG COLLABORATING COMMUNICATION DEVICES**
[54] **APPAREIL ET PROCEDE D'AUTHENTIFICATION MULTIFACTORIELLE DESTINES A ETRE UTILISES AVEC DES DISPOSITIFS DE COMMUNICATION COLLABORANT ENSEMBLE**
[72] METKE, ANTHONY, US
[72] REITSMA, KATRIN, US
[72] UPP, STEVEN D., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-06-22
[86] 2013-11-26 (PCT/US2013/071887)
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[51] **Int.Cl. B22D 7/00 (2006.01) B22D 11/18 (2006.01)**
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[54] **DISTRIBUTION DE METAL FONDU INTERMITTENT**
[72] WAGSTAFF, ROBERT BRUCE, US
[72] SINDEN, DAVID, US
[73] NOVELIS INC., US
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[30] US (61/777,574) 2013-03-12

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[51] **Int.Cl. H04M 3/51 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYZING LEAKAGE FROM CHAT TO VOICE**
[54] **PROCEDE ET APPAREIL POUR ANALYSER UNE FUITE D'UNE CONVERSATION A UNE VOIX**
[72] SRI, R. MATHANGI, IN
[72] HARDENIYA, NITIN KUMAR, IN
[72] SRIVASTAVA, VAIBHAV, IN
[72] VIJAYARAGHAVAN, RAVI, IN
[73] 24/7 CUSTOMER, INC., US
[85] 2015-06-26
[86] 2014-01-08 (PCT/US2014/010603)
[87] (WO2014/110083)
[30] US (61/750,216) 2013-01-08
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[51] **Int.Cl. C01B 3/32 (2006.01) C01B 3/02 (2006.01) C01B 3/40 (2006.01) F01D 15/00 (2006.01) F01K 13/00 (2006.01) F23G 7/07 (2006.01) F23L 3/00 (2006.01) F27D 7/02 (2006.01)**
[25] EN
[54] **HYDROGEN PRODUCTION SYSTEM AND PROCESS**
[54] **APPAREIL DE PRODUCTION D'HYDROGENE ET PROCEDE**
[72] SALOWAY, SIMON CRAIG, GB
[72] DEMARIA, DAVID GEORGE, US
[72] ZAGNOLI, DAVID ANTHONY, US
[72] SNYDER, RUSSELL IRA, III, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2897094)
[87] (2897094)
[22] 2015-07-10
[30] US (14/332,784) 2014-07-16

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[51] **Int.Cl. H01L 31/18 (2006.01) H01L 27/144 (2006.01) H01L 31/0232 (2014.01) H01L 31/107 (2006.01)**
[25] EN
[54] **FABRICATION OF SENSOR CHIP ASSEMBLIES WITH MICROOPTICS ELEMENTS**
[54] **FABRICATION DE DISPOSITIFS DE PUCE DE DETECTEUR DOTES D'ELEMENTS MICRO-OPTIQUES**
[72] BAI, XIAOGANG, US
[72] SUDHARSANAN, RENGARAJAN, US
[73] THE BOEING COMPANY, US
[86] (2897230)
[87] (2897230)
[22] 2015-07-13
[30] US (14/452,889) 2014-08-06

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[13] C
[51] **Int.Cl. F04B 9/105 (2006.01) B01F 5/04 (2006.01) F04B 13/02 (2006.01) F04B 23/10 (2006.01) F04F 5/10 (2006.01) F04F 5/46 (2006.01)**
[25] FR
[54] **METERING DEVICE FOR INTRODUCING A LIQUID ADDITIVE INTO A STREAM OF MAIN LIQUID**
[54] **DISPOSITIF DE DOSAGE POUR INTRODUIRE UN ADDITIF LIQUIDE DANS UN COURANT DE LIQUIDE PRINCIPAL**
[72] FURET, SEBASTIEN, FR
[72] LAMBINET, SANDRINE, FR
[72] DUQUENNOY, PHILIPPE, FR
[72] BADII, MANAL, FR
[73] DOSATRON INTERNATIONAL, FR
[85] 2015-07-07
[86] 2013-12-17 (PCT/IB2013/061042)
[87] (WO2014/111770)
[30] FR (13 50397) 2013-01-17

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[13] C
[51] **Int.Cl. B07B 7/12 (2006.01) B29C 70/12 (2006.01)**
[25] EN
[54] **CHOPPED FIBER COMPOSITE SORTING AND MOLDING SYSTEMS AND METHODS**
[54] **MECANISMES ET METHODES DE TRI ET MOULAGE DE MATERIAUX COMPOSITES FIBREUX**
[72] MEREDITH, KIMBERLY D., US
[72] SAFAI, MORTEZA, US
[72] APDALHALIEM, SAHRUDINE, US
[72] AVERY, WILLIAM B., US
[73] THE BOEING COMPANY, US
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[87] (2897734)
[22] 2015-07-17
[30] US (14/476,611) 2014-09-03

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[13] C
[51] **Int.Cl. A23L 2/44 (2006.01) A23L 2/52 (2006.01) A23L 3/3508 (2006.01)**
[25] EN
[54] **STABILIZING SORBIC ACID OR BENZOIC ACID IN SYRUPS AND FINISHED BEVERAGES**
[54] **STABILISATION DE L'ACIDE SORBIQUE OU DE L'ACIDE BENZOIQUE DANS LES SIROPS ET LES BOISSONS FINIES**
[72] ZHANG, NAIJIE, US
[72] MUTILANGI, WILLIAM, US
[73] PEPSICO, INC., US
[85] 2015-07-13
[86] 2014-01-21 (PCT/US2014/012236)
[87] (WO2014/120506)
[30] US (13/755,114) 2013-01-31

[11] **2,898,461**
[13] C
[51] **Int.Cl. E21B 34/10 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL DOWNHOLE ISOLATION VALVE**
[54] **CLAPET D'ISOLEMENT DE FOND DE TROU BIDIRECTIONNELLE**
[72] NOSKE, JOE, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-07-16
[86] 2014-01-10 (PCT/US2014/010975)
[87] (WO2014/113280)
[30] US (61/754,294) 2013-01-18
[30] US (14/150,137) 2014-01-08

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[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4709 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **AMORPHOUS SODIUM SALT OF TMC435 INHIBITOR OF HCV**
[54] **SEL DE SODIUM AMORPHE DE L'INHIBITEUR TMC435 DU VHC**
[72] VAN REMOORTERE, PETER JOZEF MARIA, US
[72] VANDECRUYS, ROGER PETRUS GEREBERN, BE
[72] DE KOCK, HERMAN, BE
[73] ORTHO-MCNEIL-JANSSEN PHARMACEUTICALS, INC, US
[86] (2898529)
[87] (2898529)
[22] 2010-02-26
[62] 2,753,667
[30] EP (09153964.3) 2009-02-27

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[13] C
[51] **Int.Cl. E21B 21/01 (2006.01) C09K 8/02 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **METHOD OF ENHANCING DRILLING FLUID PERFORMANCE**
[54] **PROCEDE POUR AMELIORER L'EFFICACITE D'UN FLUIDE DE FORAGE**
[72] NGUYEN, PHILIP D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-20
[86] 2014-02-12 (PCT/US2014/016060)
[87] (WO2014/130323)
[30] US (13/773,199) 2013-02-21

[11] **2,899,282**
[13] C
[51] **Int.Cl. C08K 5/49 (2006.01)**
[25] EN
[54] **NEW SURFACE TREATMENT OF WHITE MINERAL MATERIALS FOR APPLICATION IN PLASTICS**
[54] **NOUVEAU TRAITEMENT DE SURFACE DE MATERIAUX MINERAUX BLANCS POUR UNE APPLICATION DANS DES MATIERES PLASTIQUES**
[72] RENTSCH, SAMUEL, CH
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK ARTHUR CHARLES, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-07-24
[86] 2014-02-17 (PCT/EP2014/053036)
[87] (WO2014/128087)
[30] EP (13156349.6) 2013-02-22
[30] US (61/771,110) 2013-03-01

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[13] C
[51] **Int.Cl. C10B 47/30 (2006.01) C10B 13/00 (2006.01)**
[25] EN
[54] **THERMAL PROCESS TO TRANSFORM CONTAMINATED OR UNCONTAMINATED FEED MATERIALS INTO USEFUL OILY PRODUCTS**
[54] **PROCEDE THERMIQUE VISANT A TRANSFORMER DES MATIERES PREMIERES CONTAMINEES OU DECONTAMINEES EN PRODUITS HUILEUX UTILES**
[72] WHEELER, LUCIE B., CA
[73] ENVIROLLEA INC., CA
[85] 2015-08-03
[86] 2013-02-06 (PCT/CA2013/050091)
[87] (WO2014/121368)

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[51] **Int.Cl. C23F 11/08 (2006.01) C02F 1/68 (2006.01) C09K 5/00 (2006.01)**
[25] EN
[54] **CORROSION INHIBITORS FOR COOLING WATER APPLICATIONS**
[54] **INHIBITEURS DE CORROSION POUR DES APPLICATIONS D'EAU DE REFROIDISSEMENT**
[72] LU, HIAIPING, US
[72] GUO, BING BING, US
[72] FULMER, DAVID N., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-08-07
[86] 2014-02-26 (PCT/US2014/018659)
[87] (WO2014/134161)
[30] US (61/769,601) 2013-02-26
[30] US (14/189,632) 2014-02-25

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[51] **Int.Cl. C09J 5/00 (2006.01)**
[25] EN
[54] **STRUCTURE INCLUDING A LIGHT-CURABLE ADHESIVE AND ASSOCIATED METHOD FOR ASSEMBLING AND CURING SAME**
[54] **STRUCTURE COMPORTANT UN ADHESIF DURCISSABLE A LA LUMIERE ET METHODE ASSOCIEE D'ASSEMBLAGE ET DE DURCISSEMENT DE LADITE STRUCTURE**
[72] FERGUSON, KATHY L., US
[72] WALKER, TERRY R., US
[73] THE BOEING COMPANY, US
[86] (2900631)
[87] (2900631)
[22] 2015-08-14
[30] US (14/508,551) 2014-10-07

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[51] **Int.Cl. C07D 213/04 (2006.01) A61K 31/44 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) C07D 239/24 (2006.01)**
[25] EN
[54] **NOVEL PYRIMIDINE AND PYRIDINE COMPOUNDS AND THEIR USAGE**
[54] **NOUVEAUX COMPOSES DE PYRIMIDINE ET DE PYRIDINE ET LEUR UTILISATION**
[72] SU, WEI-GUO, CN
[72] ZHANG, WEIHAN, CN
[72] LI, JINSHUI, CN
[73] HUTCHISON MEDIPHARMA LIMITED, CN
[85] 2015-08-10
[86] 2014-03-14 (PCT/CN2014/073444)
[87] (WO2014/139465)
[30] CN (PCT/CN2013/072690) 2013-03-15

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[13] C
[51] **Int.Cl. H04L 29/14 (2006.01) H04L 12/723 (2013.01) H04L 12/66 (2006.01)**
[25] EN
[54] **METHOD FOR MIGRATING SERVICE OF DATA CENTER, APPARATUS, AND SYSTEM**
[54] **METHODE DE MIGRATION DE SERVICE DE CENTRE DE DONNEES, APPAREIL ET SYSTEME**
[72] GU, JIONGJIONG, CN
[72] XU, SHENGXIANG, CN
[72] GUO, SHUANTAI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-08-21
[86] 2014-11-17 (PCT/CN2014/091250)
[87] (WO2016/077951)

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[13] C
[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **DENTAL VARNISH COMPOSITIONS COMPRISING ROSIN, RESIN, AND A FLUORIDIZING AGENT**
[54] **COMPOSITIONS DE VERNI DENTAIRE RENFERMANT DE LA COLOPHANE, DE LA RESINE ET UN AGENT FLUORISANT**
[72] HUO, XIN, US
[72] SIMONTON, THOMAS C., US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2015-08-14
[86] 2014-02-14 (PCT/US2014/016345)
[87] (WO2014/127178)
[30] US (61/765,062) 2013-02-15

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[13] C
[51] **Int.Cl. C05G 3/00 (2006.01)**
[25] EN
[54] **HIGH-ENERGY COMPOSITE PEPTIDE SELENOPROTEIN NUTRIENT SOLUTION, PREPARATION METHOD AND APPLICATIONS THEREOF**
[54] **SOLUTION DE NUTRIMENTS COMPOSITE A HAUTE ENERGIE, A BASE D'UNE SELENOPROTEINE PEPTIDIQUE, SON PROCEDE DE PREPARATION ET APPLICATION**
[72] XIE, CHAO, CN
[72] CUI, JIANJIU, CN
[72] FU, HUADIAO, CN
[73] XIE, CHAO, CN
[85] 2015-08-18
[86] 2013-12-26 (PCT/CN2013/090593)
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[30] CN (201310060994.1) 2013-02-27

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[51] **Int.Cl. C07C 237/20 (2006.01) A61K 31/166 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **NEOSEPTINS: SMALL MOLECULE ADJUVANTS**
[54] **NEOSEPTINES : PETITS ADJUVANTS MOLECULAIRES**
[72] BEUTLER, BRUCE, US
[72] BOGER, DALE L., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-08-24
[86] 2014-02-25 (PCT/US2014/018380)
[87] (WO2014/131023)
[30] US (61/768,712) 2013-02-25

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[13] C
[51] **Int.Cl. E21B 19/06 (2006.01) E21B 17/02 (2006.01) E21B 19/02 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO POSITION AND PROTECT CONTROL LINES BEING COUPLED TO A PIPE STRING ON A RIG**
[54] **PROCEDE ET APPAREIL POUR POSITIONNER ET PROTEGER DES CONDUITES DE COMMANDE COUPLEES A UN TRAIN DE TIGES SUR UNE SONDEUSE**
[72] WEBRE, CHARLES MICHAEL, US
[72] BOULIGNY, VERNON JOSEPH, JR., US
[72] BEGNAUD, BRIAN DAVID, US
[72] SIBILLE, MARK STEPHEN, US
[72] BROWN, DOUGAL HUGO, GB
[73] FRANK'S INTERNATIONAL, LLC, US
[85] 2015-08-26
[86] 2013-04-09 (PCT/US2013/035784)
[87] (WO2014/133566)
[30] US (13/780,985) 2013-02-28

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[13] C
[51] **Int.Cl. B60R 11/00 (2006.01) B60P 3/00 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **VEHICLE-MOUNTED INSPECTION SYSTEM**
[54] **DISPOSITIF D'INSPECTION INSTALLE DANS UN VEHICULE**
[72] KANG, KEJUN, CN
[72] GU, JINGYU, CN
[72] CHEN, ZHIQIANG, CN
[72] LI, JIANMIN, CN
[72] LI, YUANJING, CN
[72] LI, YULAN, CN
[72] WANG, DONGYU, CN
[73] TSINGHUA UNIVERSITY, CN
[73] NUCTECH COMPANY LIMITED, CN
[86] (2902952)
[87] (2902952)
[22] 2015-09-01
[30] CN (201410443085.0) 2014-09-02

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[13] C
[51] **Int.Cl. H01M 4/13 (2010.01) H01M 4/139 (2010.01) H01M 10/0525 (2010.01)**
[25] EN
[54] **PRETREATMENT COMPOSITIONS AND METHODS FOR COATING A BATTERY ELECTRODE**
[54] **COMPOSITIONS DE PRETRAITEMENT ET PROCEDES DE REVETEMENT D'UNE ELECTRODE DE BATTERIE**
[72] HELLRING, STUART D., US
[72] DAUGHENBAUGH, RANDY E., US
[72] KARABIN, RICHARD F., US
[72] RAKIEWICZ, EDWARD F., US
[72] SYLVESTER, KEVIN THOMAS, US
[72] SILVERNAIL, NATHAN J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022005)
[87] (WO2014/150050)
[30] US (13/832,074) 2013-03-15

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|51| **Int.Cl. H04W 8/22 (2009.01) H04W 4/02 (2009.01) H04W 8/18 (2009.01)**
|25| EN
|54| **METHOD AND APPARATUS FOR USING SERVICE CAPABILITY INFORMATION FOR USER PLANE LOCATION**
|54| **PROCEDE ET APPAREIL POUR L'UTILISATION D'INFORMATIONS SUR LA CAPACITE DE SERVICE POUR LA LOCALISATION D'UN PLAN D'UTILISATEUR**
|72| FARMER, DOMINIC GERARD, US
|72| WACHTER, ANDREAS K., US
|72| BURROUGHS, KIRK ALLAN, US
|73| QUALCOMM INCORPORATED, US
|86| (2904747)
|87| (2904747)
|22| 2009-01-09
|62| 2,711,856
|30| US (61/020,635) 2008-01-11
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|51| **Int.Cl. C07C 41/02 (2006.01) C07C 29/10 (2006.01) C07C 213/02 (2006.01) C07D 301/10 (2006.01)**
|25| EN
|54| **METHOD FOR THE PRODUCTION OF ETHYLENE OXIDE**
|54| **PROCEDE DE PRODUCTION D'OXYDE D'ETHYLENE**
|72| ZHANG, LIPING, US
|72| MCADON, MARK H., US
|72| FRANK, ERNEST R., US
|73| DOW TECHNOLOGY INVESTMENTS LLC, US
|85| 2015-09-09
|86| 2014-03-12 (PCT/US2014/023925)
|87| (WO2014/150669)
|30| US (61/794,646) 2013-03-15

|11| **2,906,091**
|13| C
|51| **Int.Cl. G01N 1/24 (2006.01) G01N 1/26 (2006.01) G01N 30/06 (2006.01)**
|25| EN
|54| **COMPOSITE GAS SAMPLING SYSTEM**
|54| **SYSTEME D'ECHANTILLONNAGE DE GAZ COMPOSITE**
|72| THOMPSON, KENNETH O., US
|72| ROLSTON, CLAUDE A., US
|72| QUERRY, TIMOTHY L., US
|73| MUSTANG SAMPLING, LLC, US
|85| 2015-09-11
|86| 2014-03-14 (PCT/US2014/027787)
|87| (WO2014/143712)
|30| US (61/794,240) 2013-03-15
|30| US (14/205,526) 2014-03-12

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|13| C
|51| **Int.Cl. H01M 8/04 (2016.01) F16L 9/14 (2006.01)**
|25| EN
|54| **HYDROGEN SUPPLY PIPING AND METHOD OF MANUFACTURING HYDROGEN SUPPLY PIPING**
|54| **TUYAUTERIE D'ALIMENTATION D'HYDROGENE ET PROCEDE DE FABRICATION DE TUYAUTERIE D'ALIMENTATION D'HYDROGENE**
|72| TAKESHITA, MASAHIRO, JP
|73| TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
|86| (2906490)
|87| (2906490)
|22| 2015-09-29
|30| JP (2014-210383) 2014-10-15

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|51| **Int.Cl. C12C 11/00 (2006.01) C12H 1/00 (2006.01) C12H 1/15 (2006.01) C12H 1/22 (2006.01) C12N 9/88 (2006.01) C12N 9/48 (2006.01)**
|25| EN
|54| **IMPROVED BREWING PROCESS**
|54| **PROCEDE DE BRASSAGE AMELIORE**
|72| NGUYEN, MINH-TAM, NL
|72| EDENS, LUPPO, NL
|72| VAN ROON, JEROEN LOUIS, NL
|73| DSM IP ASSETS B.V., NL
|86| (2906891)
|87| (2906891)
|22| 2007-06-22
|62| 2,647,327
|30| EP (06117178.1) 2006-07-13
|30| US (60/903,539) 2007-02-27
|30| US (60/924,236) 2007-05-04

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|51| **Int.Cl. G01R 19/00 (2006.01) B62D 5/04 (2006.01) B62D 6/00 (2006.01) H02P 27/06 (2006.01)**
|25| EN
|54| **LOAD CONTROL DEVICE, ELECTRIC POWER STEERING DEVICE, AND METHOD FOR CONTROLLING LOAD CONTROL DEVICE**
|54| **DISPOSITIF DE COMMANDE DE CHARGE, APPAREIL DE DIRECTION ASSISTEE ELECTRIQUE, ET PROCEDE POUR COMMANDER UN DISPOSITIF DE COMMANDE DE CHARGE**
|72| NAGAE, KOUKI, JP
|72| OWAKI, JUNICHI, JP
|73| KYB CORPORATION, JP
|85| 2015-09-16
|86| 2014-03-12 (PCT/JP2014/056432)
|87| (WO2014/156633)
|30| JP (2013-064418) 2013-03-26

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[13] C
[51] **Int.Cl. B65D 47/06 (2006.01) B65D 47/20 (2006.01) B65D 47/40 (2006.01)**
[25] EN
[54] **DOUBLE-WALLED CONTAINER**
[54] **RECIPIENT A DOUBLE PAROI**
[72] ABE, TAKAYUKI, JP
[72] FURUSAWA, MITSUO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2015-09-25
[86] 2014-03-28 (PCT/JP2014/001854)
[87] (WO2014/156197)
[30] JP (2013-074263) 2013-03-29
[30] JP (2013-116422) 2013-05-31

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[13] C
[51] **Int.Cl. B21D 41/02 (2006.01) B21D 41/04 (2006.01) E04G 25/04 (2006.01) E04G 25/06 (2006.01)**
[25] EN
[54] **METHOD FOR REINFORCING AND CALIBRATING A PIPE PORTION**
[54] **PROCEDE POUR RENFORCER ET CALIBRER UNE PARTIE DE TUYAU**
[72] ANDREE, JURGEN, DE
[72] SPECHT, RUDOLF, DE
[73] PERI GMBH, DD
[85] 2015-10-01
[86] 2014-04-10 (PCT/EP2014/057242)
[87] (WO2014/167043)
[30] DE (10 2013 206 577.9) 2013-04-12

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[51] **Int.Cl. A61L 2/20 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **TRANSPORTABLE VACUUM ASSISTED DECONTAMINATION UNIT AND DECONTAMINATION PROCESS**
[54] **UNITE DE DECONTAMINATION SOUS VIDE, TRANSPORTABLE, ET PROCEDE DE DECONTAMINATION**
[72] WIGET, PAUL A., US
[73] STERIS INC., US
[85] 2015-09-30
[86] 2014-03-31 (PCT/US2014/032334)
[87] (WO2014/165428)
[30] US (61/806,989) 2013-04-01

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[13] C
[51] **Int.Cl. C02F 11/14 (2006.01) C02F 1/28 (2006.01) C02F 1/52 (2006.01) C02F 1/56 (2006.01)**
[25] EN
[54] **THE COMBINATION OF SURFACE-TREATED CALCIUM CARBONATE AND BENTONITE IN WATER PURIFICATION OR SLUDGE DE-WATERING**
[54] **LA COMBINAISON DE CARBONATE DE CALCIUM TRAITE EN SURFACE ET DE BENTONITE DANS LA PURIFICATION DE L'EAU OU LA DESHYDRATATION DE BOUE**
[72] GERARD, DANIEL EDWARD, CH
[72] POFFET, MARTINE, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] SKOVBY, MICHAEL, CH
[72] GANE, PATRICK ARTHUR CHARLES, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-10-01
[86] 2014-04-14 (PCT/EP2014/057521)
[87] (WO2014/180631)
[30] EP (13166922.8) 2013-05-07
[30] US (61/822,941) 2013-05-14

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[51] **Int.Cl. E21B 33/068 (2006.01) C09K 8/516 (2006.01) E21B 33/138 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYNTACTIC FOAM FRAC BALL AND METHODS OF USING SAME**
[54] **BILLE DE FRACTURATION EN MOUSSE SYNTACTIQUE ET SES PROCEDES D'UTILISATION**
[72] MURPHREE, ZACHARY R., US
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-20
[86] 2014-05-15 (PCT/US2014/038228)
[87] (WO2014/189766)
[30] US (61/825,977) 2013-05-21
[30] US (14/272,240) 2014-05-07
[30] US (14/272,209) 2014-05-07

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[13] C
[51] **Int.Cl. E21B 4/02 (2006.01)**
[25] EN
[54] **DOWNHOLE DRILLING MOTOR AND METHOD OF USE**
[54] **MOTEUR DE FORAGE DE FOND DE TROU ET SON PROCEDE D'UTILISATION**
[72] SAMUEL, ROBELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-21
[86] 2013-05-23 (PCT/US2013/042500)
[87] (WO2014/189517)

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[13] C
[51] **Int.Cl. B67D 3/00 (2006.01) B65D 19/38 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **COMBINATION OF DISPENSER AND CONTAINER FOR A PLURALITY OF CONTAINERS, HAVING A SYSTEM FOR THE CORRECT PLACING**
[54] **COMBINAISON DE DISTRIBUTEUR ET DE RECIPIENT POUR UNE PLURALITE DE RECIPIENTS COMPRENANT UN SYSTEME DE PLACEMENT CORRECT**
[72] GROTTINI, GIANNI, IT
[73] BLUPURA S.R.L., IT
[85] 2015-10-27
[86] 2014-09-03 (PCT/IB2014/001737)
[87] (WO2015/044731)
[30] IT (AN2013A000174) 2013-09-26
[30] IT (AN2014U000025) 2014-03-28
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[13] C
[51] **Int.Cl. F02D 15/02 (2006.01) F02B 75/04 (2006.01) F16H 21/20 (2006.01)**
[25] EN
[54] **VARIABLE COMPRESSION RATIO ENGINE**
[54] **MOTEUR A TAUX DE COMPRESSION VARIABLE**
[72] BLACKSTOCK, SCOTT, US
[73] BLACKSTOCK, SCOTT, US
[85] 2015-10-28
[86] 2014-05-02 (PCT/US2014/036683)
[87] (WO2014/179758)
[30] US (61/819,032) 2013-05-03
[30] US (61/822,802) 2013-05-13

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[13] C
[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE HAVING A SHUTTER BYPASS**
[54] **CARTOUCHE D'ENCRE MUNIE D'UN SYSTEME DE CONTOURNEMENT D'OBTURATEUR**
[72] BUCHANAN, JOHN ANDREW, US
[72] WILLIAMSON, RANDAL SCOTT, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2015-10-29
[86] 2014-05-23 (PCT/US2014/039280)
[87] (WO2014/193744)
[30] US (61/828,390) 2013-05-29
[30] US (13/919,015) 2013-06-17

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[13] C
[51] **Int.Cl. H04N 19/70 (2014.01)**
[25] EN
[54] **PROCESSING BITSTREAM CONSTRAINTS RELATING TO INTER-LAYER PREDICTION TYPES IN MULTI-LAYER VIDEO CODING**
[54] **CONTRAINTES SUR LES FLUX BINAIRES DE TRAITEMENT LIEES AUX TYPES DE PREDICTION INTER-COUCHES EN CODAGE VIDEO MULTICOUCHE**
[72] SEREGIN, VADIM, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-10-29
[86] 2014-06-09 (PCT/US2014/041505)
[87] (WO2014/200899)
[30] US (61/833,836) 2013-06-11
[30] US (61/859,702) 2013-07-29
[30] US (14/298,555) 2014-06-06

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[13] C
[51] **Int.Cl. H01M 8/04119 (2016.01) H01M 8/04746 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE COMMANDE ASSOCIEE**
[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911075)
[87] (2911075)
[22] 2015-11-03
[30] JP (2014-231195) 2014-11-14

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[25] EN
[54] **NEW POLYMORPHIC FORMS OF N-[4-(TRIFLUOROMETHYL)BENZYL]-4-METHOXYBUTYRAMIDE**
[54] **NOUVELLES FORMES POLYMORPHES DE N-[4-(TRIFLUOROMETHYL)BENZYL]-4-METHOXYBUTYRAMIDE**
[72] CACCIAGLIA, ROBERTO, IT
[72] FERRARI, MASSIMO, IT
[73] LABORATORIO FARMACEUTICO C.T. S.R.L., IT
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[25] EN
[54] **DRIVING-IN DEVICE AND METHOD FOR USING A DRIVING-IN DEVICE**
[54] **DISPOSITIF D'ENFONCEMENT ET PROCEDE POUR UTILISER UN DISPOSITIF D'ENFONCEMENT**
[72] BECK, WOLFGANG, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
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[51] **Int.Cl. B67D 3/00 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **COMBINATION OF DISPENSER AND CONTAINER WITH SYSTEM FOR THE CORRECT PLACING AND IDENTIFICATION OF THE CONTAINER**
[54] **DISPOSITIF COMBINE CONSTITUE D'UN DISTRIBUTEUR ET D'UN CONTENANT AYANT UN SYSTEME PERMETTANT D'EFFECTUER CORRECTEMENT LA MISE EN PLACE ET L'IDENTIFICATION DU CONTENANT**
[72] GROTTINI, GIANNI, IT
[73] BLUPURA S.R.L., IT
[85] 2015-10-27
[86] 2014-09-03 (PCT/IB2014/001736)
[87] (WO2015/044730)
[30] IT (AN2013A000174) 2013-09-26
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[25] EN
[54] **WATER DRAINAGE DEVICE FOR FUEL CELL, FUEL CELL SYSTEM, MOVING BODY AND CONTROL METHOD OF FUEL CELL SYSTEM**
[54] **DISPOSITIF D'EVACUATION D'EAU POUR PILE A COMBUSTIBLE, SYSTEME DE PILE A COMBUSTIBLE, CORPS MOBILE ET METHODE DE COMMANDE DU SYSTEME DE PILE A COMBUSTIBLE**
[72] OGAWA, TOMOHIRO, JP
[72] OYA, RYOSUKE, JP
[72] KANEKO, TOMOHIKO, JP
[72] NADA, MITSUHIRO, JP
[72] NAGANUMA, YOSHIAKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911562)
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[25] EN
[54] **VEHICLE INCLUDING FUEL CELL SYSTEM**
[54] **VEHICULE COMPORTANT UN SYSTEME DE PILE A COMBUSTIBLE**
[72] ODA, KOHEI, JP
[72] UMAYAHARA, KENJI, JP
[72] KAKENO, YUJI, JP
[72] NADA, MITSUHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[87] (2911778)
[22] 2015-11-10
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[54] **MOBILE VENEER DRYER**
[54] **SECHOIR DE PLACAGES MOBILE**
[72] SPANGLER, CLINTON, US
[72] BULLION, CONRAD, US
[73] USNR/KOCKUMS CANCAR COMPANY, US
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[87] (2911958)
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[54] **PIPE JOINT GASKET AND METHOD OF MAKING SAME**
[54] **JOINT DE RACCORD DE TUYAU ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] COPELAND, DANIEL A., US
[73] MCWANE GLOBAL, US
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[25] EN
[54] **PORTABLE, COLLAPSIBLE WIND SCREEN**
[54] **PARE-VENT ECRASABLE PORTATIF**
[72] OGILVIE, JAMES ALLEN, US
[73] OGILVIE, JAMES ALLEN, US
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[25] EN
[54] **LOW FAULT CURRENT ISOLATOR SYSTEM**
[54] **SYSTEME D'ISOLATEUR DE FAIBLE COURANT DE DEFAUT**
[72] O'REGAN, TIMOTHY M., US
[72] O'REGAN, TIMOTHY J., US
[72] HAYES, THOMAS, US
[72] SEVERSON, KEVIN J., US
[73] ELECTRICAL MATERIALS COMPANY, US
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[72] OLIVEIRA, STEVEN M., US
[72] FITZWATER, KELLY R., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[86] 2014-07-22 (PCT/US2014/047563)
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[51] **Int.Cl. E21B 29/00 (2006.01) C09K 8/00 (2006.01) E21B 34/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **A WELLBORE ISOLATION DEVICE CONTAINING A SUBSTANCE THAT UNDERGOES A PHASE TRANSITION**
[54] **DISPOSITIF D'ISOLEMENT DE PUITS DE FORAGE CONTENANT UNE SUBSTANCE QUI SUBIT UNE TRANSITION DE PHASE**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[72] HOWELL, MATTHEW T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **MAINTAINING VIRTUAL DESKTOP INSTANCE DURING DATA STORE FAILURE**
[54] **MAINTIEN D'INSTANCE DE BUREAU VIRTUEL PENDANT UN ECHEC DE STOCKAGE DE DONNEES**
[72] SURYANARAYANAN, DEEPAK, US
[72] BROWN, DAVID EVERARD, US
[72] FARRELL, EUGENE MICHAEL, US
[72] LAKSHMANAN, VIVEK, US
[72] BRACE, COLIN HARRISON, US
[72] TELLVIK, ERIK JONATHON, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-12-18
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[51] **Int.Cl. F04D 29/70 (2006.01) F04D 29/10 (2006.01) F16J 15/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICES FOR DISCHARGING CONTAMINANTS OUT OF A SEAL CHAMBER**
[54] **METHODE ET DISPOSITIFS SERVANT A LIBERER LES CONTAMINANTS D'UNE CHAMBRE ETANCHE**
[72] SHELLEF, RAMMY A., IL
[73] ETTEM ENGINEERING S.A. LTD., IL
[86] (2916629)
[87] (2916629)
[22] 2016-01-04
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[51] **Int.Cl. B29C 70/06 (2006.01) B64C 1/00 (2006.01) B64C 3/34 (2006.01) B64D 45/02 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF REINFORCED STRUCTURE**
[54] **PROCEDE DE PRODUCTION DE STRUCTURE DE RENFORT**
[72] YAMAMORI, TAKU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-01-08
[86] 2014-06-26 (PCT/JP2014/067008)
[87] (WO2015/005125)
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[51] **Int.Cl. E21B 17/08 (2006.01) E21B 34/06 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **CASING JOINT ASSEMBLY FOR PRODUCING AN ANNULUS GAS CAP**
[54] **ENSEMBLE MANCHON DE TUBAGE POUR LA PRODUCTION D'UN CHAPEAU DE GAZ ANNULAIRE**
[72] MITCHELL, ROBERT F., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-08
[86] 2013-08-08 (PCT/US2013/054075)
[87] (WO2015/020652)

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[51] **Int.Cl. F21V 19/00 (2006.01) F21S 4/00 (2016.01) F21V 17/16 (2006.01)**
[25] EN
[54] **LIGHTING STRUCTURE**
[54] **STRUCTURE D'ECLAIRAGE**
[72] TREMBLAY, JACQUES, CA
[73] TREMBLAY, JACQUES, CA
[85] 2015-06-19
[86] 2014-01-17 (PCT/CA2014/000037)
[87] (WO2014/113871)
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[51] **Int.Cl. E21B 7/08 (2006.01) E21B 4/02 (2006.01)**
[25] EN
[54] **DOWNHOLE ADJUSTABLE BENT MOTOR**
[54] **MOTEUR COUDE AJUSTABLE POUR FOND DE PUITS**
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[72] KUNDAM, RAVI KIRAN, IN
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[72] MEHTA, KRUNAL KANUBHAI, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-14
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[51] **Int.Cl. F17C 13/06 (2006.01)**
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[54] **PROTECTION STRUCTURE FOR GAS CYLINDER AND VALVE ARRANGEMENT**
[54] **STRUCTURE DE PROTECTION POUR BOUTEILLE DE GAZ ET AGENCEMENT DE SOUPAPE**
[72] WILLIAMS, MARK SHERMAN, GB
[72] PEMBERTON, GARETH ROSS, GB
[72] ALFOLDI, CSABA, BE
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2016-01-21
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[87] (WO2015/018766)
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[51] **Int.Cl. B65B 25/14 (2006.01) B65B 35/36 (2006.01)**
[25] EN
[54] **SHEET PRODUCT WRAPPING APPARATUS**
[54] **APPAREIL D'EMBALLAGE DE PRODUIT EN FEUILLE**
[72] TOTANI, MIKIO, JP
[73] TOTANI CORPORATION, JP
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[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR EXTENDING COVERAGE IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR ETENDRE UNE COUVERTURE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] PHANG, WAYNE M., US
[72] KHAN, SHAKEEB Z., US
[73] MOTOROLA SOLUTIONS, INC., US
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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/18 (2014.01) H04N 19/61 (2014.01)**
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[54] **IMAGE ENCODING METHOD AND IMAGE DECODING METHOD**
[54] **PROCEDE DE CODAGE ET DE DECODAGE D'IMAGE**
[72] YAMAGUCHI, JUN, JP
[72] TANIZAWA, AKIYUKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[25] EN
[54] **POP-UP GREETING CARDS**
[54] **CARTE DE VOEUX ANIMEE**
[72] SHLONSKY, LYNNE, US
[72] MAYER, DAVID, US
[72] HIGGINS, SEAN, US
[72] SEADLER, TOBY, US
[72] EKLUND, SARAH, US
[73] AMERICAN GREETINGS CORPORATION, US
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[87] (2921093)
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[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/24 (2006.01)**
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[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2924492)
[87] (2924492)
[22] 2014-02-24
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[30] US (13/779370) 2013-02-27
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[25] EN
[54] **QUINAZOLINE DERIVATIVE AND PREPARATION METHOD THEREFOR**
[54] **DERIVE DE QUINAZOLINE ET SON PROCEDE DE PREPARATION**
[72] XIAO, DENGMING, CN
[72] ZHU, YAN, CN
[72] HU, YUANDONG, CN
[72] WANG, HUTING, CN
[72] LI, JIJUN, CN
[72] PENG, YONG, CN
[72] ZHANG, HUI, CN
[72] LUO, HONG, CN
[72] KONG, FANSHENG, CN
[72] HAN, YONGXIN, CN
[73] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[73] CENTAURUS BIOPHARMA CO., LTD., CN
[73] LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD., CN
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[51] **Int.Cl. C07H 17/02 (2006.01) A61K 31/7056 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **4-{4-[(1E)-4-(2,9-DIAZASPIRO[5.5]UNDEC-2-YL)BUT-1-EN-1-YL]-2-METHYLBENZYL}-5-(PROPAN-2-YL)-1H-PYRAZOL-3-YL BETA-D-GLUCOPYRANOSIDE ACETATE**
[54] **ACETATE DE 4-{4-[(1E)-4-(2,9-DIAZASPIRO[5.5]UNDEC-2-YL)BUT-1-EN-1-YL]-2-METHYLBENZYL}-5-(PROPAN-2-YL)-1H-PYRAZOL-3-YL-BETA-D-GLUCOPYRANOSIDE**
[72] REUTZEL-EDENS, SUSAN MARIE, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-03-22
[86] 2014-10-30 (PCT/US2014/063161)
[87] (WO2015/069541)
[30] US (61/901,488) 2013-11-08

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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/117 (2014.01) H04N 19/18 (2014.01) H04N 19/186 (2014.01) G06T 9/00 (2006.01)**
[25] EN
[54] **IMAGE ENCODING SYSTEM BASED UPON BOUNDARY STRENGTH**
[54] **SYSTEME DE CODAGE D'IMAGE BASE SUR LA FORCE DE LIMITE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL
[86] (2925141)
[87] (2925141)
[22] 2002-09-11
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[25] EN
[54] **SYSTEM AND METHOD FOR CHECKING ENTRY OF METER VALUE FROM LP GAS METER**
[54] **SYSTEME ET PROCEDE POUR VERIFIER L'ENTREE DE VALEURS DE COMPTEUR PROVENANT D'UN COMPTEUR A GAZ DE PETROLE LIQUEFIE**
[72] WADA, SHINJI, JP
[72] DEKAMO, SHINGO, JP
[73] NIPPON GAS CO., LTD., JP
[85] 2016-03-24
[86] 2014-09-26 (PCT/JP2014/004945)
[87] (WO2015/045406)
[30] JP (2013-201701) 2013-09-27

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[51] **Int.Cl. G01N 29/028 (2006.01) E21B 47/007 (2012.01) G01N 29/09 (2006.01)**
[25] EN
[54] **VALIDATION OF CASED-HOLE ACOUSTIC TOOLS**
[54] **VALIDATION D'OUTILS ACOUSTIQUES DE PUITS TUBES**
[72] PANG, XUEYU, US
[72] JONES, PAUL, US
[72] EPSTEIN, ROBERT ERIC, US
[72] GORDON, ZACHARY EDWARD, US
[72] MANDAL, BATAKRISHNA, US
[72] GILSTRAP, TATIANA, US
[72] JIMENEZ, WALMY CUELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-05
[86] 2013-11-12 (PCT/US2013/069719)
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[13] C
[51] **Int.Cl. G06F 13/40 (2006.01)**
[25] EN
[54] **REMOVABLE MEMORY CARD DISCRIMINATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DISCRIMINATION DE CARTE MEMOIRE AMOVIBLE**
[72] SHACHAM, ASSAF, US
[72] GIL, AMIT, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-04-07
[86] 2014-11-14 (PCT/US2014/065601)
[87] (WO2015/073768)
[30] US (14/080,852) 2013-11-15

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[13] C
[51] **Int.Cl. A47J 31/36 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF BEVERAGES BY MEANS OF CAPSULES**
[54] **PROCEDE DE PRODUCTION DE BOISSONS AU MOYEN DE CAPSULES**
[72] RAPPARINI, GINO, IT
[73] AROMA SYSTEM SRL, IT
[85] 2016-04-13
[86] 2014-10-17 (PCT/IB2014/065413)
[87] (WO2015/056238)
[30] IT (BO2013A000570) 2013-10-17

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[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 23/01 (2006.01)**
[25] EN
[54] **DEPTH, LOAD AND TORQUE REFERENCING IN A WELLBORE**
[54] **REFERENCEMENT DE PROFONDEUR, CHARGE ET COUPLE DANS UN PUITS DE FORAGE**
[72] MATA, MIGUEL LUIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-27
[86] 2013-11-14 (PCT/US2013/070055)
[87] (WO2015/073002)

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[13] C
[51] **Int.Cl. B64D 27/26 (2006.01) B64D 27/02 (2006.01)**
[25] EN
[54] **HORIZONTAL AXIS PROPELLER ENGINE ASSEMBLY FOR AN AIRCRAFT**
[54] **MECANISME DE MOTEUR A HELICE A AXE HORIZONTAL DESTINE A UN AERONEF**
[72] MARCHE, JACQUES HERVE, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[86] (2931634)
[87] (2931634)
[22] 2016-05-30
[30] FR (15 56 839) 2015-07-20

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[13] C
[51] **Int.Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01)**
[25] EN
[54] **MULTI-COMPARTMENT DOSAGE FORM ARTICLES**
[54] **ARTICLES DE FORME GALENIQUE A COMPARTIMENTS MULTIPLES**
[72] BUYDTS, HILDE, BE
[72] VANQUICKENBORNE, STEFAAN, BE
[73] CAPSUGEL BELGIUM NV, BE
[85] 2016-06-02
[86] 2014-10-23 (PCT/IB2014/002650)
[87] (WO2015/082983)
[30] EP (13195563.5) 2013-12-03
[30] US (61/911,070) 2013-12-03

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[13] C
[51] **Int.Cl. G01F 1/00 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **AIR VOLUME MEASUREMENT METHOD FOR FAN MOTOR**
[54] **PROCEDE DE MESURE DE VOLUME D'AIR POUR MOTEUR DE VENTILATEUR**
[72] WANG, JIZHONG, CN
[72] ZHOU, YIQIAO, CN
[72] ZHANG, ZHENG, CN
[72] ZHAO, YONG, CN
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[54] **SYSTEME DE COMMUNICATION BIDIRECTIONNEL PERMETTANT DE SUIVRE LES POSITIONS ET LES ETATS DE VEHICULES A ROUES**
[72] HANNAH, STEPHEN E., US
[72] CARTER, SCOTT J., US
[72] JAMES, JESSE M., US
[73] GATEKEEPER SYSTEMS, INC., US
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[54] **FLOW CONTROL MECHANISM FOR DOWNHOLE TOOL**
[54] **MECANISME DE REGULATION DE FLUX POUR OUTIL DE FOND**
[72] RUSSO, CHRISTOPHER DALE, US
[72] MILLER, CARL BLANE, US
[72] TILLEY, DAVID J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSITIF D'ACHEMINEMENT POUR ACHEMINER DES PIECES DE BOIS COUPEES**
[72] EBNER, FRANZ, AT
[73] SPRINGER MASCHINENFABRIK AG, AT
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[54] **METHODE DE SYNCHRONISATION D'EXTREMITE D'EMISSION ET D'EXTREMITE DE RECEPTION D'UN CODE FONTAINE**
[72] DOBERSTEIN, KEVIN G., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **OUTIL D'INSPECTION DE CANALISATIONS**
[72] SIMEK, JAMES, US
[72] BARKER, TOD, US
[72] GREGOIRE, MARK, US
[72] LUDLOW, JED, US
[72] FLORA, JOHN H., US
[72] ALI, SYED M., US
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[54] **DEGRADABLE RUBBER MEMBER FOR DOWNHOLE TOOLS, DEGRADABLE SEAL MEMBER, DEGRADABLE PROTECTING MEMBER, DOWNHOLE TOOL, AND METHOD FOR WELL DRILLING**
[54] **ELEMENT DE CAOUTCHOUC DEGRADABLE DESTINE A DES OUTILS DE FOND DE TROU, ELEMENT DE JOINT DEGRADABLE, ELEMENT DE PROTECTION DEGRADABLE, OUTIL DE FOND DE TROU ET METHODE DE FORAGE DEPUITS**
[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[72] KOBAYASHI, TAKUMA, JP
[73] KUREHA CORPORATION, JP
[85] 2016-09-06
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[54] **DISPOSABLE SAFE VEIN TRANSFUSION PUNCTURE NEEDLE**
[54] **AIGUILLE DE TRANSFUSION SURE JETABLE**
[72] MAO, YALING, CN
[73] GEMTIER MEDICAL (SHANGHAI) INC., CN
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[54] **METHOD AND CONVERGED COMMUNICATION DEVICE FOR ENHANCING BROADBAND AND NARROWBAND COMMUNICATION**
[54] **METHODE ET DISPOSITIF DE COMMUNICATION CONVERGEE DESTINES A AMELIORER LA COMMUNICATION EN BANDE LARGE ET EN BANDE ETROITE**
[72] BAKER, MICHAEL H., US
[72] SAHOO, BRUNDABAN, US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **MONITORING OF DRILLING OPERATIONS USING DISCRETIZED FLUID FLOWS**
[54] **SURVEILLANCE D'OPERATIONS DE FORAGE EN UTILISANT DES ECOULEMENTS DE FLUIDES DISCRETISES**
[72] ROWE, MATHEW DENNIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **BARBECUE GRILL AND COOKING METHOD USING BARBECUE GRILL**
[54] **GRILLE DE BARBECUE ET METHODE DE CUISSON SUR GRILLE DE BARBECUE**
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[73] FOODS-I CO., LTD., JP
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[87] (2946134)
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[54] **SYSTEME DE REFROIDISSEMENT DE BOUES DE FORAGE**
[72] THIESSEN, JAY JOHN, CA
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **DOUBLE MODULE 0-10 V/DALI DE COMMANDE DE REVERBERE**
[72] CARTMILL, KEN, CA
[72] WINTERS, SHAWN, CA
[73] LED ROADWAY LIGHTING LTD., CA
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[54] **ELEMENT DE SOCLE EN BETON, REUTILISABLE, PREFABRIQUE**
[72] SPRONKEN, JOHN R., CA
[73] SPRONKEN, JOHN R., CA
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[54] **SYSTEME DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] SAIKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[72] KOMATSU, TAKASHI, JP
[73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[54] **WATER-ABSORBENT RESIN AND ABSORBENT ARTICLE**
[54] **RESINE ABSORBANT L'EAU ET ARTICLE ABSORBANT**
[72] YABUGUCHI, HIROKI, JP
[72] HINAYAMA, TETSUHIRO, JP
[72] HAMA, MAOKI, JP
[72] YOKOYAMA, HIDEKI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
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[54] **SYNTHETIC APERTURE RADAR SIGNAL PROCESSING DEVICE AND SYNTHETIC APERTURE RADAR SIGNAL PROCESSING PROGRAM**
[54] **DISPOSITIF ET PROGRAMME DE TRAITEMENT DE SIGNAL RADAR A OUVERTURE SYNTHETIQUE**
[72] ASAMI, HIROAI, JP
[72] OZAKI, ATSUO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **FALL PROTECTION APPARATUS WITH A MAST AND BOOM**
[54] **APPAREIL DE PROTECTION ANTI-CHUTE DOTE D'UN MAT ET D'UN BRAS**
[72] VETESNIK, JAN, CA
[73] TUFFBUILT PRODUCTS INC., CA
[86] (2966171)
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[72] KIMURA, NATSUKO, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **CHAUFFE-EAU ENERGIETIQUE**
[72] FOURNIER, DENIS, CA
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[54] **SLIDING WASTE COMPACTOR**
[54] **COMPACTEUR DE DECHETS COULISSANT**
[72] ZHANG, CHI Z. C., CA
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[54] **ULTRA-VIOLET LIGHT WATER TREATMENT SYSTEM FOR BATHING UNITS**
[54] **SYSTEME DE TRAITEMENT DE L'EAU LEGER AUX ULTRAVIOLETS DESTINE AUX MODULES DE BAIN**
[72] PELLETIER, MARTIN, CA
[72] LAFLAMME, BENOIT, CA
[71] GECKO ALLIANCE GROUP INC., CA
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[54] **MOVABLE WELLHEAD PLATFORM**
[54] **PLATEFORME DE TETE DE PUITS MOBILE**
[72] SMITH, PAUL R., CA
[71] SMITH, PAUL R., CA
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[54] **SNOWMOBILE FRAME STRUCTURE**
[54] **STRUCTURE DE CHASSIS DE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[72] BEDARD, YVON, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **STRUCTURAL POST AND BEAM CONNECTION DEVICE WITH FRICTION RELEASE BRACKET**
[54] **MONTANT STRUCTURAL ET DISPOSITIF DE CONNEXION DE MONTANT DOTE D'UN SUPPORT DE LIBERATION DE FRICTION**
[72] BERGMAN, RICHARD, CA
[71] BERGMAN, RICHARD, CA
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[54] **TRUSS ASSEMBLY & METHOD OF CONSTRUCTING A TRUSS STRUCTURE**
[54] **ASSEMBLAGE DE FERME ET METHODE DE CONSTRUCTION D'UNE STRUCTURE DE FERME**
[72] CHRISTIE, HUNTLY GORDON, US
[72] ADLER, PERCY, CA
[71] CHRISTIE LITES ENTERPRISES CANADA INC., CA
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[54] **VANNE DE DEVIATION D'ISOLATION ET GARNITURE DOUBLE**
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING THE FLOW OF AGRICULTURAL PRODUCTS FROM A VARIABLE-RATIO BLENDING APPLICATOR**
[54] **SYSTEME ET METHODE DE CONTROLE DU DEBIT DE PRODUITS AGRICOLES D'UN APPLICATEUR MELANGEUR A RAPPORT VARIABLE**
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] QUON, EDWARD, CA
[72] WILSON, GORDON BLAIR, CA
[72] RUFF, ROBERT SYDNEY, CA
[72] ROSENGREN, COLIN MARK, CA
[71] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA
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[54] **SNOWMOBILE FOOTRESTS**
[54] **REPOSE-PIEDS DE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[72] BEDARD, YVON, CA
[72] GAGNON, MARTIN, CA
[72] FORTIER, JONATHAN, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[51] **Int.Cl. A41D 27/20 (2006.01)**
[25] EN
[54] **A POCKET DESIGN FOR GARMENTS TO ALLOW MOBILE DEVICE USERS HANDS FREE RECORDING OF VIDEO, AUDIO AND OTHER DATA**
[54] **UN MODELE DE POCHE DE VETEMENTS PERMETTANT AUX UTILISATEURS D'APPAREIL MOBILE D'ENREGISTRER A MAIN LIBRE DES DONNEES VIDEO, AUDIO ET AUTRES**
[72] BAYLISS, TERRENCE R, CA
[71] BORN EMPIRE, CA
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[51] **Int.Cl. A61N 5/02 (2006.01)**
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[54] **MICROWAVE-ASSISTED MEDICAL TECHNOLOGIES AND APPARATUS THERFOR**
[54] **TECHNIQUES MEDICALES ASSISTEES PAR MICRO-ONDES ET APPAREIL CONNEXE**
[72] PARE, J. R. JOCELYN, CA
[72] BELANGER, JACQUELINE M.R., CA
[71] ATLANTIC CANCER RESEARCH INSTITUTE, CA
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[51] **Int.Cl. A41D 23/00 (2006.01) A41D 27/00 (2006.01)**
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[54] **VETEMENT MULTIFONCTIONNEL**
[72] LARCO, FLORETA, CA
[71] LARCO, FLORETA, CA
[22] 2016-04-04
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[54] **A TOFU PRESS AND METHOD OF REMOVING LIQUID FROM TOFU**
[54] **UNE PRESSE A TOFU ET UNE METHODE D'EXTRACTION DE LIQUIDE DU TOFU**
[72] KITTOW, ADAM, GB
[72] ANDREWS, SUSANNA, GB
[71] TOFUTURE LIMITED, GB
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[51] **Int.Cl. E01H 8/04 (2006.01)**
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[54] **CHARRUE A AILE PLIANTE**
[72] BUDROW, CHASE, CA
[72] STAIRS, MARK, CA
[72] WAUGH, MARK, CA
[72] PELKEY, TONY, CA
[72] DELONG, MAX, CA
[72] HOW, TYLER, CA
[72] CRAIG, BENJAMIN, CA
[71] CRAIG MANUFACTURING LTD., CA
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[51] **Int.Cl. C12M 3/08 (2006.01) C12N 5/077 (2010.01) C12N 5/078 (2010.01) C12M 3/00 (2006.01) C12M 1/24 (2006.01)**
[25] EN
[54] **READY-TO-USE DEVICE FOR MOUSE BONE MARROW CELLS ISOLATION**
[54] **DISPOSITIF PRET-A-L'EMPLOI DESTINE A L'ISOLATION DE CELLULES DE MOELLE OSSEUSE DE SOURIS**
[72] BALHARA, JYOTI, CA
[71] BALHARA, JYOTI, CA
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|54| **ELECTRONIC LOCKS WITH LOW-COST AND LOW-POWER CONSUMPTION SMART RFID TAGS**
|54| **VERROUS ELECTRONIQUES A ETIQUETTES RFID A FAIBLE COUT ET FAIBLE CONSOMMATION D'ELECTRICITE**
|72| ABDULHADI, ABDULHADI E., CA
|72| AWHEDA, MOSTAFA DAEE, CA
|71| ABDULHADI, ABDULHADI E., CA
|22| 2016-04-06
|41| 2017-10-06

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|51| **Int.Cl. B04B 7/00 (2006.01) B05D 5/08 (2006.01)**
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|54| **CENTRIFUGAL SEPARATOR HAVING COATED SEPARATOR DISCS**
|54| **SEPARATEUR CENTRIFUGE COMPORTANT DES DISQUES SEPARATEURS REVETUS**
|72| BULBUC, DANIEL JOHN, CA
|72| CHILDS, DAVID HAROLD, CA
|71| SYNCRUDE CANADA LTD., CA
|22| 2016-04-01
|41| 2017-10-01

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|51| **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/32 (2006.01)**
|25| EN
|54| **CANOLA INBRED LINE G30853A**
|54| **VARIETE DE CANOLA AUTOGAME G30853A**
|72| GINGERA, GREGORY ROSS, CA
|72| KNIEVEL, DONNA CAROLYNN, CA
|71| AGRIGENETICS, INC., US
|22| 2016-04-01
|41| 2017-10-01

|21| 2,925,991
|13| A1
|51| **Int.Cl. B62K 27/00 (2006.01) B62B 1/02 (2006.01) B62D 63/06 (2006.01)**
|25| EN
|54| **BONSAI MONO CARGO**
|54| **CHARIOT MONOROUE PETIT FORMAT**
|72| THOMAS, TOM S., CA
|71| THOMAS, TOM S., CA
|22| 2016-04-05
|41| 2017-10-05

|21| 2,925,997
|13| A1
|51| **Int.Cl. G09B 1/36 (2006.01) A63F 9/06 (2006.01) G09B 1/40 (2006.01) G09B 19/02 (2006.01)**
|25| EN
|54| **PUZZLE SYSTEM OF ELEMENTS FOR PAIRING**
|54| **SYSTEME DE PUZZLE D'ELEMENTS A APARIER**
|72| CHENG, ALLAN BLIN, DK
|72| BLIN, CHRISTINE CHENG, DK
|71| CHENG, ALLAN BLIN, DK
|71| BLIN, CHRISTINE CHENG, DK
|22| 2016-04-06
|41| 2017-10-06

|21| 2,926,002
|13| A1
|51| **Int.Cl. B25B 13/46 (2006.01) B25B 13/36 (2006.01)**
|25| EN
|54| **RACHETING WRENCH SYSTEM HAVING A LINEAR TWO-PAWL RATCHET MECHANISM CAPABLE OF EXCHANGEABLE WRENCH HEADS**
|54| **SYSTEME DE CLE A ROCHET COMPORTANT UN MECANISME DE ROCHET A DEUX CLIQUETS LINEAIRES A TETES DE CLE ECHANGEABLES**
|72| MACDONALD, JEFFREY DEAN, CA
|71| MACDONALD, JEFFREY DEAN, CA
|22| 2016-04-06
|41| 2017-10-06

|21| 2,926,051
|13| A1
|51| **Int.Cl. A61B 5/0205 (2006.01) A61B 42/00 (2016.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/145 (2006.01)**
|25| EN
|54| **MEDICAL GLOVE FOR OBTAINING A PATIENT'S BLOOD PRESSURE, PULSE AND OXYGEN SATURATION**
|54| **GANT A USAGE MEDICAL SERVANT A OBTENIR LA TENSION ARTERIELLE D'UN PATIENT, SON POULS ET LA SATURATION EN OXYGENE**
|72| GREGORY HAYS, US
|71| GREGORY HAYS, US
|22| 2016-04-05
|41| 2017-10-05

|21| 2,926,096
|13| A1
|51| **Int.Cl. A61B 5/02 (2006.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/145 (2006.01) A61B 42/10 (2016.01)**
|25| EN
|54| **MEDICAL GLOVE FOR OBTAINING A PATIENT'S BLOOD PRESSURE, PULSE AND OXYGEN SATURATION**
|54| **GANT A USAGE MEDICAL SERVANT A OBTENIR LA TENSION ARTERIELLE D'UN PATIENT, SON POULS ET LA SATURATION EN OXYGENE**
|72| HAYS, GREGORY, US
|71| HAYS, GREGORY, US
|22| 2016-04-05
|41| 2017-10-05

|21| 2,926,106
|13| A1
|51| **Int.Cl. A63J 1/00 (2006.01) B60P 3/00 (2006.01)**
|25| EN
|54| **MOBILE STAGE WALL PANEL SYSTEM**
|54| **SYSTEME DE PANNEAU MURAL DE SCENE MOBILE**
|72| STROUD, RICHARD V., US
|72| ALLISON, TODD N., US
|72| PINGREE, JIMMIE E., US
|71| PROGRESSIVE PRODUCTS, INC., US
|22| 2016-04-05
|41| 2017-10-05

Demandes canadiennes mises à la disponibilité du public
1 octobre 2017 au 7 octobre 2017

|21| **2,926,127**
|13| A1
|51| **Int.Cl. E02D 27/42 (2006.01) E04H 12/22 (2006.01) G07C 1/30 (2006.01)**
|25| FR
|54| **SET OF TUBES THAT ARE PART OF PARKING METERS AND RESISTANT TO ATMOSPHERIC CORROSION**
|54| **ENSEMBLE DE TUBES FAISANT PARTIE DES PARCOMETRES ET CE RESISTANTS A LA CORROSION ATMOSPHERIQUE**
|72| ROJAS, MIGUEL, CA
|71| ROJAS, MIGUEL, CA
|22| 2016-04-05
|41| 2017-10-05

|21| **2,926,290**
|13| A1
|51| **Int.Cl. F25D 3/08 (2006.01) A45C 11/20 (2006.01) A45F 3/00 (2006.01)**
|25| EN
|54| **INSULATED CONTAINER ASSEMBLY WITH THERMAL STORAGE ACCOMMODATION**
|54| **ENSEMBLE DE CONTENANT ISOLE A COMPARTIMENT DE RANGEMENT THERMAL**
|72| MOGIL, MELVIN, CA
|72| MITCHELL, ELIZABETH, CA
|72| KEARNS, WILLIAM, CA
|72| EDWARDS, CHRISTOPHER, CA
|72| STEPHENS, RICK, US
|71| CALIFORNIA INNOVATIONS INC., CA
|22| 2016-04-06
|41| 2017-10-05
|30| US (15/091,189) 2016-04-05

|21| **2,926,298**
|13| A1
|51| **Int.Cl. A22C 17/08 (2006.01) A22C 17/00 (2006.01) A22C 21/00 (2006.01) A22C 25/02 (2006.01)**
|25| EN
|54| **APPARATUS AND METHOD FOR CLEANING GAME**
|54| **APPAREIL ET METHODE DE NETTOYAGE DE GIBIER**
|72| MCDONALD, TIM, US
|71| MCDONALD, TIM, US
|22| 2016-04-05
|41| 2017-10-05

|21| **2,926,311**
|13| A1
|51| **Int.Cl. A63F 7/06 (2006.01)**
|25| EN
|54| **TABLE GOLF HOLE DEVICE (GAME)**
|54| **DISPOSITIF DE TROU DE GOLF DE TABLE (JEU)**
|72| CAVANAGH, RONALD, CA
|71| CAVANAGH, RONALD, CA
|22| 2016-04-07
|41| 2017-10-07

|21| **2,926,346**
|13| A1
|51| **Int.Cl. E21B 43/24 (2006.01) E21B 49/00 (2006.01) E21B 49/08 (2006.01)**
|25| EN
|54| **METHOD OF DEVELOPMENT OF A DEPOSIT OF HIGH-VISCOSITY OIL OR BITUMEN**
|54| **METHODE D'ELABORATION D'UN DEPOT DE PETROLE A VISCOSITE ELEVEE OU DE BITUME**
|72| IBATULLIN, RAVIL RUSTAMOVICH, CA
|71| TAL OIL LTD., CA
|22| 2016-04-07
|41| 2017-10-07

|21| **2,926,356**
|13| A1
|51| **Int.Cl. C30B 7/14 (2006.01) C01B 7/03 (2006.01) C01F 11/46 (2006.01) C22B 3/44 (2006.01) C22B 26/20 (2006.01)**
|25| EN
|54| **PRODUCTION OF HIGH STRENGTH HYDROCHLORIC ACID FROM CALCIUM CHLORIDE FEED STREAMS BY CRYSTALLIZATION**
|54| **PRODUCTION D'ACIDE HYDROCHLORIQUE A CONCENTRATION ELEVEE A PARTIR DE FLUX D'ALIMENTATION DE CHLORURE DE CALCIUM PAR CRISTALLISATION**
|72| DEMOPOULOS, GEORGE, CA
|72| FELDMANN, THOMAS, CA
|71| THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
|22| 2016-04-06
|41| 2017-10-06

|21| **2,926,363**
|13| A1
|51| **Int.Cl. B09C 1/02 (2006.01) B09C 1/08 (2006.01)**
|25| EN
|54| **DECONTAMINATION PROCESS OF SOILS AND EFFLUENTS POLLUTED BY INORGANIC AND/OR ORGANIC CONTAMINANTS**
|54| **PROCEDE DE DECONTAMINATION DES SOLS ET DES EFFLUENTS POLLUES PAR DES CONTANIMANTS ORGANIQUES OU INORGANIQUES**
|72| MERCIER, GUY, CA
|72| BLAIS, JEAN-FRANCOIS, CA
|72| GUEMIZA, KARIMA, CA
|72| METAHNI, SABRINE, CA
|72| MERCIER, GABRIELLE, CA
|72| CHARTIER, MYRIAM, CA
|72| COUDERT, LUCIE, CA
|72| TRAN, LAN HUONG, CA
|72| BESNER, SIMON, CA
|71| INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
|22| 2016-04-06
|41| 2017-10-06

|21| **2,926,364**
|13| A1
|51| **Int.Cl. A63F 3/06 (2006.01) A63F 13/30 (2014.01)**
|25| EN
|54| **NETWORK-ENABLED METHOD AND SYSTEM FOR A MULTI-PLAYER GAME WITH PLAYER TURN-DEPENDENT AWARD STRUCTURE**
|54| **METHODE ACTIVEE PAR UN RESEAU ET SYSTEME DESTINE A UN JEU MULTIJOUEUR A STRUCTURE DE RECOMPENSE FONDEE SUR LE TOUR DU JOUEUR**
|72| MOUND, ANDREW JONATHAN, US
|71| SCIENTIFIC GAMES INTERNATIONAL, INC., US
|22| 2016-04-07
|41| 2017-10-07

|21| **2,926,434**
|13| A1
|51| **Int.Cl. A62D 3/38 (2007.01) B09B 3/00 (2006.01) B29B 17/00 (2006.01)**
|25| EN
|54| **ROTATING KILN AND APPARATUS FOR THERMAL CONVERSION OF ORGANIC WASTES, METHOD FOR CONVERTING ORGANIC WASTES INTO USEFUL PRODUCTS, MANUFACTURING OF ROTATING KILNS AND APPARATUS AND USES THEREOF**
|54| **SECHOIR ROTATIF ET APPAREIL DE CONVERSION THERMIQUE DE DECHETS ORGANIQUES, METHODE DE CONVERSION DE DECHETS ORGANIQUES EN PRODUITS UTILES, FABRICATION DE SECHOIRS ROTATIFS ET APPAREIL ET UTILISATIONS ASSOCIES**
|72| BERTRAND, LOUIS, CA
|72| WHEELER, LUCIE, CA
|71| BERTRAND, LOUIS, CA
|71| WHEELER, LUCIE, CA
|22| 2016-04-07
|41| 2017-10-07

|21| **2,926,437**
|13| A1
|51| **Int.Cl. E21B 7/18 (2006.01) E21C 37/12 (2006.01)**
|25| EN
|54| **HIGH PRESSURE WATER JET ADD-ON TO HYDROVAC BOOM HOSE**
|54| **AJOUT DE JET D'EAU HAUTE PRESSION A UN TUYAU DE BRAS D'HYDROVAC**
|72| RINAS, RYAN L., CA
|71| RINAS, RYAN L., CA
|22| 2016-04-07
|41| 2017-10-05
|30| US (15/091,353) 2016-04-05

|21| **2,926,440**
|13| A1
|51| **Int.Cl. A61H 99/00 (2006.01) A61B 5/11 (2006.01) A61H 1/00 (2006.01) A63B 21/00 (2006.01) A63B 24/00 (2006.01)**
|25| EN
|54| **INTERACTIVE MOBILE TECHNOLOGY FOR GUIDANCE AND MONITORING OF PHYSICAL THERAPY EXERCISES**
|54| **TECHNOLOGIE MOBILE INTERACTIVE SERVANT A GUIDER ET SURVEILLER LES EXERCICES DE THERAPIE PHYSIQUE**
|72| SADEGHI, JAVAD, CA
|72| RAJAB ZADEH MOGHADDAM, ELAHEH, CA
|71| SADEGHI, JAVAD, CA
|71| RAJAB ZADEH MOGHADDAM, ELAHEH, CA
|22| 2016-04-07
|41| 2017-10-07

|21| **2,926,441**
|13| A1
|51| **Int.Cl. E03C 1/12 (2006.01)**
|25| EN
|54| **P-TRAP PLUMBING CONNECTION AND A METHOD OF INSTALLING A P-TRAP PLUMBING CONNECTION**
|54| **RACCORD DE TUYAUTERIE A PIEGE EN P ET UNE METHODE D'INSTALLATION D'UN RACCORD DE TUYAUTERIE A PIEGE EN P**
|72| GOGOULIS, GEORGE N., CA
|71| GOGOULIS, GEORGE N., CA
|22| 2016-04-07
|41| 2017-10-07

|21| **2,928,490**
|13| A1
|51| **Int.Cl. B21D 53/88 (2006.01) B60D 1/145 (2006.01)**
|25| EN
|54| **METHOD OF FORMING A TRAILER HITCH RECEIVER TUBE**
|54| **METHODE DE FACONNAGE D'UN TUBE RECEPTEUR D'ATTACHE DE REMORQUE**
|72| FORTE, MARIO, CA
|72| FORTE, JON RYAN, CA
|71| JEFFERSON METAL PRODUCTS INC., CA
|22| 2016-04-29
|41| 2017-10-03

|21| **2,931,716**
|13| A1
|51| **Int.Cl. B65F 1/14 (2006.01) B65F 1/16 (2006.01) E05B 15/00 (2006.01) E05C 19/10 (2006.01)**
|25| EN
|54| **DUSTBIN LOCK ASSEMBLY**
|54| **MECANISME DE VERROU DE RAMASSE-POUSSIERE**
|72| MATUSCHEK, MANFRED ERNST, DE
|72| ACKERMANN, TOBIAS, DE
|71| FRANZEN CANADA CORP., CA
|22| 2016-06-01
|41| 2017-10-07
|30| US (62/319,603) 2016-04-07

|21| **2,935,062**
|13| A1
|51| **Int.Cl. F24D 3/14 (2006.01) F24D 3/16 (2006.01)**
|25| EN
|54| **SUPPORT FOR RADIANT COVERING AND FLOOR HEATING ELEMENTS**
|54| **SUPPORT DE REVETEMENT RAYONNANT ET ELEMENTS CHAUFFANTS DE PLANCHER**
|72| BORDIN, DENNIS, IT
|71| PROGRESS PROFILES S.P.A., IT
|22| 2016-06-30
|41| 2017-10-01
|30| IT (102016000033439) 2016-04-01

[21] **2,938,500**
[13] A1
[51] **Int.Cl. A01C 7/18 (2006.01) A01C 15/00 (2006.01) A01C 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING THE FLOW OF AGRICULTURAL PRODUCTS FROM A VARIABLE-RATIO BLENDING APPLICATOR**
[54] **SYSTEME ET METHODE DE CONTROLE DU DEBIT DE PRODUITS AGRICOLES D'UN APPLICATEUR MELANGEUR A RAPPORT VARIABLE**
[72] SCHEMBRI, CHARLES J., CA
[72] QUON, EDWARD, CA
[72] WILSON, GORDON B., CA
[72] ROSENGREN, COLIN M., CA
[72] RUFF, ROBERT S., CA
[71] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA
[22] 2016-08-10
[41] 2017-10-04
[30] CA (2,925,815) 2016-04-04

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[21] **2,940,568**
[13] A1
[51] **Int.Cl. B63B 21/56 (2006.01)**
[25] EN
[54] **APPARATUS FOR TOWING PERSONAL WATERCRAFT**
[54] **APPAREIL DE REMORQUAGE D'UNE EMBARCATION PERSONNELLE**
[72] DUSK, RICHARD, CA
[72] LARIVIERE, MARK, CA
[72] CHAPMAN, TIM, CA
[71] DUSK, RICHARD, CA
[71] LARIVIERE, MARK, CA
[71] CHAPMAN, TIM, CA
[22] 2016-08-29
[41] 2017-10-07
[30] US (62/319,503) 2016-04-07

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[21] **2,941,110**
[13] A1
[51] **Int.Cl. E21B 47/13 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DIRECTIONAL DRILLING**
[54] **SYSTEMES ET METHODES DE FORAGE DIRECTIONNEL**
[72] HOGAN, THOMAS S., US
[71] SAVANT TECHNOLOGIES, LLC, US
[22] 2016-09-07
[41] 2017-10-01
[30] US (15/088,871) 2016-04-01

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[21] **2,943,097**
[13] A1
[51] **Int.Cl. A61H 19/00 (2006.01) A61H 23/00 (2006.01)**
[25] EN
[54] **COMPRESSION WAVE MASSAGE DEVICE**
[54] **DISPOSITIF DE MASSAGE A ONDE DE COMPRESSION**
[72] WITT, FLORIAN M., DE
[71] EIS GMBH, DE
[22] 2016-09-22
[41] 2017-10-04
[30] EP (16169444.3) 2016-05-12
[30] DE (102016106120.4) 2016-04-04

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[13] A1
[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/18 (2006.01)**
[25] EN
[54] **ADJUSTABLE PULLEY ASSEMBLY FOR A COMPOUND ARCHERY BOW**
[54] **DISPOSITIF DE POULIE AJUSTABLE DESTINE A UN ARC COMPOSE**
[72] EACKER, CHRISTOPHER J., US
[72] OBTESHKA, NICHOLAS C., US
[72] RINKER, DYLAN G., US
[71] BOWTECH, INC., US
[22] 2016-10-18
[41] 2017-10-06
[30] US (15/091,572) 2016-04-06

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[21] **2,949,564**
[13] A1
[51] **Int.Cl. C08B 30/04 (2006.01) A23L 29/212 (2016.01) A01H 1/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PRODUCING STARCH WITH NOVEL FUNCTIONALITY**
[54] **COMPOSITIONS ET METHODES DE PRODUCTION D'AMIDON A FONCTIONNALITE NOVATRICE**
[72] OSTRANDER, BRAD, US
[72] JIANG, HONGXIN, US
[72] LANE, CHRIS, US
[71] CORN PRODUCTS DEVELOPMENT, INC., BR
[22] 2016-11-23
[41] 2017-10-05
[30] US (15/090,926) 2016-04-05
[30] US (15/135,106) 2016-04-21

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[21] **2,954,458**
[13] A1
[51] **Int.Cl. B64D 15/16 (2006.01) B64D 15/20 (2006.01)**
[25] EN
[54] **PNEUMATIC DE-ICER WITH SENSOR FOR SUPERCOOLED LARGE DROPLET ICING DETECTION**
[54] **DEGIVREUR PNEUMATIQUE DOTE D'UN CAPTEUR DESTINE A LA DETECTION DE GIVRAGE PAR GROSSE GOUTTELETTE SUPER REFROIDIE**
[72] PUTT, JAMES C., US
[71] GOODRICH CORPORATION, US
[22] 2017-01-10
[41] 2017-10-01
[30] US (15/088,847) 2016-04-01

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[13] A1
[51] **Int.Cl. B64C 1/00 (2006.01) B64C 27/04 (2006.01) F16B 9/00 (2006.01)**
[25] EN
[54] **A HELICOPTER WITH A FUSELAGE AND COMPOSITE TAIL BOOM**
[54] **UN HELICOPTERE DOTE D'UN FUSELAGE ET D'UNE POUTRE DE QUEUE EN COMPOSITE**
[72] FINK, AXEL, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[22] 2017-01-12
[41] 2017-10-01
[30] EP (16400008.5) 2016-04-01

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[13] A1
[51] **Int.Cl. B65D 90/08 (2006.01)**
[25] EN
[54] **FASTENERS TO SECURE VARIOUS FIXTURES TO EXTERIOR OF SHIPPING TRANSPORT CONTAINERS**
[54] **FIXATIONS SERVANT A SECURISER DIVERS ELEMENTS A L'EXTERIEUR DES CONTENANTS DE TRANSPORT DESTINES A L'EXPEDITION**
[72] WYTENBURG, RIES IGNATIUS, US
[71] WYTENBURG, RIES IGNATIUS, US
[22] 2017-01-23
[41] 2017-10-05
[30] US (15/091,101) 2016-04-05

|21| **2,955,808**
|13| A1
|51| **Int.Cl. B64D 45/00 (2006.01) B64F 5/00 (2017.01) G01L 5/00 (2006.01)**
|25| EN
|54| **ON-BOARD STRUCTURAL LOAD ASSESSMENT OF AN AIRCRAFT DURING FLIGHT EVENTS**
|54| **EVALUATION DE CHARGE STRUCTURELLE EMBARQUEE D'UN AERONEF PENDANT DES EVENEMENTS EN VOL**
|72| KEARNS, JUSTIN D., US
|72| LI, RONGSHENG, US
|72| HUSSAIN, NAVEED, US
|72| ARIWODOLA, KAYODE T., US
|72| DAVIS, CHRISTOPHER L., US
|72| HAGELIN, JACK S., US
|72| PADO, LAWRENCE E., US
|71| THE BOEING COMPANY, US
|22| 2017-01-20
|41| 2017-10-04
|30| US (15/090,326) 2016-04-04

|21| **2,956,117**
|13| A1
|51| **Int.Cl. B64C 27/54 (2006.01) B64C 27/80 (2006.01)**
|25| EN
|54| **A PROPELLER ASSEMBLY WITH AT LEAST TWO PROPELLER BLADES**
|54| **UN ASSEMBLAGE D'HELICE COMPORTANT AU MOINS DEUX PALES D'HELICE**
|72| KIESEWETTER, UWE, DE
|72| HAISCH, STEFAN, DE
|72| BEBESEL, MARIUS, DE
|72| MORES, SEBASTIAN, DE
|71| AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
|22| 2017-01-24
|41| 2017-10-01
|30| EP (16400009.3) 2016-04-01

|21| **2,957,204**
|13| A1
|51| **Int.Cl. G05G 5/02 (2006.01) A63H 27/133 (2006.01) A63H 27/24 (2006.01) A63H 30/04 (2006.01) G05D 1/04 (2006.01) G05G 1/04 (2006.01) G05G 9/047 (2006.01)**
|25| EN
|54| **TRANSMITTER**
|54| **EMETTEUR**
|72| TODOKORO, SHINJI, JP
|71| AGATSUMA CO., LTD., JP
|22| 2017-02-03
|41| 2017-10-06
|30| JP (2016-076317) 2016-04-06

|21| **2,957,886**
|13| A1
|51| **Int.Cl. H04W 48/18 (2009.01) G06F 21/78 (2013.01) G06F 17/30 (2006.01)**
|25| EN
|54| **A SYSTEM AND A COMPUTER-IMPLEMENTED METHOD FOR MULTI PATH COMMUNICATION WITH AN UNMANNED AERIAL VEHICLE DURING A MISSION**
|54| **UN SYSTEME ET UNE METHODE MISE EN OEUVRE PAR ORDINATEUR DESTINES A LA COMMUNICATION MULTIVOIE AVEC UN VEHICULE AERIEN INHABITE PENDANT UNE MISSION**
|72| PEREZ VILLAR, VICTOR, ES
|71| THE BOEING COMPANY, US
|22| 2017-02-14
|41| 2017-10-06
|30| EP (16382148.1) 2016-04-06

|21| **2,957,888**
|13| A1
|51| **Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2009.01) G06F 19/00 (2011.01) G08G 5/00 (2006.01)**
|25| EN
|54| **A COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR SHARING INFORMATION BETWEEN PASSENGERS AND AIR TRAFFIC MANAGEMENT STAKEHOLDERS**
|54| **UN SYSTEME ET UNE METHODE MISE EN OEUVRE PAR ORDINATEUR SERVANT A COMMUNIQUER L'INFORMATION ENTRE LES PASSAGERS ET LES PARTENAIRES DE GESTION DU TRAFIC AERIEN**
|72| CASADO, ENRIQUE, ES
|72| COSTAS, PABLO, ES
|71| THE BOEING COMPANY, US
|22| 2017-02-14
|41| 2017-10-07
|30| EP (16382152.3) 2016-04-07

|21| **2,958,642**
|13| A1
|51| **Int.Cl. A01C 7/06 (2006.01) A01C 5/06 (2006.01)**
|25| EN
|54| **DOUBLE-SHOOT KNIFE ATTACHMENT**
|54| **ACCESSOIRE DE COUTEAU A DOUBLE COUP**
|72| GERVAIS, JOEL JOHN OCTAVE, CA
|72| ROBERGE, MARTIN J., CA
|72| CLOUTIER BOILY, GUILLAUME, CA
|71| CNH INDUSTRIAL CANADA, LTD., CA
|22| 2017-02-22
|41| 2017-10-05
|30| US (15/091,445) 2016-04-05

|21| **2,958,964**
|13| A1
|51| **Int.Cl. H01T 4/16 (2006.01) H01T 2/00 (2006.01)**
|25| EN
|54| **GAS DISCHARGE TUBES AND METHODS AND ELECTRICAL SYSTEMS INCLUDING SAME**
|54| **TUBES DE DECHARGE DE GAZ ET METHODES, ET SYSTEMES ELECTRIQUES EN COMPORTANT**
|72| ROZMAN, ROBERT, SI
|71| RIPD RESEARCH AND IP DEVELOPMENT LTD., GR
|22| 2017-02-23
|41| 2017-10-01
|30| US (15/089294) 2016-04-01

|21| **2,959,085**
|13| A1
|51| **Int.Cl. G06F 21/32 (2013.01)**
|25| EN
|54| **METHODS AND SYSTEMS FOR AUTHENTICATING USERS**
|54| **METHODES ET SYSTEMES D'AUTHENTIFICATION DES UTILISATEURS**
|72| IONITA, MIRCEA, IE
|72| PEIRCE, MICHAEL, IE
|72| AHERN, JAMES, IE
|72| WATSON, MICHAEL STEPHEN, AU
|71| DAON HOLDINGS LIMITED, KY
|22| 2017-02-23
|41| 2017-10-04
|30| US (15/089,608) 2016-04-04

|21| **2,959,269**
|13| A1
|51| **Int.Cl. A01B 69/00 (2006.01) B62D 11/00 (2006.01)**
|25| EN
|54| **IMPLEMENT STEERABLE TRACK ASSEMBLY PIVOTABLE ABOUT THREE AXES**
|54| **ENSEMBLE DE RAIL DIRIGEABLE D'ACCESSOIRE PIVOTANT SUR TROIS AXES**
|72| PRICKEL, MARVIN A., US
|72| CONNORS, MICHAEL J., US
|72| LYKKEN, TOM, US
|72| ZACH, DAVID ALLEN, US
|71| CNH INDUSTRIAL AMERICA LLC, US
|22| 2017-02-28
|41| 2017-10-07
|30| US (15/093,085) 2016-04-07

|21| **2,959,781**
|13| A1
|51| **Int.Cl. C09J 133/06 (2006.01) C09J 7/02 (2006.01)**
|25| EN
|54| **PRESSURE-SENSITIVE ADHESIVE**
|54| **ADHESIF SENSIBLE A LA PRESSION**
|72| ALEED, SARAH, DE
|72| BEFUSS, JULIA, DE
|72| PRENZEL, ALEXANDER, DE
|72| SCHUBERT, THOMAS, DE
|71| TESA SE, DE
|22| 2017-03-02
|41| 2017-10-07
|30| DE (10 2016 205 808.8) 2016-04-07

|21| **2,959,797**
|13| A1
|51| **Int.Cl. C09J 133/06 (2006.01) C09J 7/02 (2006.01) C09J 9/00 (2006.01) C09J 11/08 (2006.01) C09J 121/00 (2006.01)**
|25| EN
|54| **PRESSURE-SENSITIVE ADHESIVE**
|54| **ADHESIF SENSIBLE A LA PRESSION**
|72| LUNDING, MARTA, DE
|72| BEFUSS, JULIA, DE
|72| PRENZEL, ALEXANDER, DE
|72| SCHUBERT, THOMAS, DE
|71| TESA SE, DE
|22| 2017-03-02
|41| 2017-10-07
|30| DE (10 2016 205 822.3) 2016-04-07

|21| **2,959,842**
|13| A1
|51| **Int.Cl. B23Q 3/12 (2006.01) F16B 21/18 (2006.01)**
|25| EN
|54| **IMPROVED BIT RETAINER**
|54| **DISPOSITIF DE RETENUE DE FORET AMELIORE**
|72| SOLLAMI, PHILLIP, US
|71| THE SOLLAMI COMPANY, US
|22| 2017-03-02
|41| 2017-10-01
|30| US (15/088,246) 2016-04-01

|21| **2,959,894**
|13| A1
|51| **Int.Cl. A01F 15/08 (2006.01) A01F 15/00 (2006.01)**
|25| EN
|54| **EMERGENCY STOP DEVICE, BALE WRAPPING DEVICE AND HARVESTING APPLIANCE**
|54| **DISPOSITIF D'ARRET D'URGENCE, DISPOSITIF D'EMBALLAGE DE BALLE ET APPAREIL DE RECOLTE**
|72| CHAPON, EMMANUEL, FR
|72| GUIET, LIONEL, FR
|72| GUERIN, SEBASTIEN, FR
|71| DEERE & COMPANY, US
|22| 2017-03-03
|41| 2017-10-04
|30| DE (10 2016 205 527.5) 2016-04-04

|21| **2,959,922**
|13| A1
|51| **Int.Cl. B23K 37/00 (2006.01) B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
|25| EN
|54| **DYNAMIC RANGE ENHANCEMENT SYSTEMS AND METHODS FOR USE IN WELDING APPLICATIONS**
|54| **SYSTEMES D'AMELIORATION DE PLAGE DYNAMIQUE ET METHODES DESTINEES A DES APPLICATIONS DE SOUDAGE**
|72| BEESON, RICHARD, US
|71| ILLINOIS TOOL WORKS INC., US
|22| 2017-03-06
|41| 2017-10-04
|30| US (62/317,891) 2016-04-04
|30| US (15/412,942) 2017-01-23

|21| **2,959,926**
|13| A1
|51| **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
|25| EN
|54| **SOYBEAN CULTIVAR OW1210690**
|54| **CULTIVAR DE SOYA OW1210690**
|72| LEE, DAVID SCOTT, CA
|72| MCCLURE, DONALD BRUCE, CA
|71| SYNGENTA PARTICIPATIONS AG, CH
|22| 2017-03-06
|41| 2017-10-06
|30| US (15/091,735) 2016-04-06

[21] **2,959,932**
[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01)**
[25] EN
[54] **IMPLEMENT STEERING SYSTEM**
[54] **MECANISME DE DIRECTION D'ACCESSOIRE**
[72] MANIAR, ALIHAIDER, US
[72] PRICKEL, MARVIN A., US
[72] PRODDUTURI, SHIVAKUMAR, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-03-06
[41] 2017-10-07
[30] US (15/093,325) 2016-04-07

[21] **2,959,933**
[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01) B62D 9/00 (2006.01)**
[25] EN
[54] **IMPLEMENT STEERABLE TRACK ASSEMBLY WITH PIVOTING STEERING ACTUATOR**
[54] **MECANISME DE RAIL DIRIGEABLE D'ACCESSOIRE DOTE D'UN ACTIONNEUR DE DIRECTION PIVOTANT**
[72] PRICKEL, MARVIN A., US
[72] PRODDUTURI, SHIVAKUMAR, US
[72] LYKKEN, TOM, US
[72] ZACH, DAVID ALLEN, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-03-06
[41] 2017-10-07
[30] US (15/093,094) 2016-04-07

[21] **2,960,498**
[13] A1
[51] **Int.Cl. F16L 37/12 (2006.01) F16L 37/127 (2006.01)**
[25] EN
[54] **QUICK CONNECTOR ASSEMBLY AND METHOD OF ESTABLISHING AND ENSURING A FLUID-TIGHT CONNECTION BETWEEN CONDUITS**
[54] **DISPOSITIF DE RACCORD RAPIDE ET METHODE D'ETABLISSEMENT ET DE VERIFICATION D'UNE CONNEXION ETANCHE ENTRE DES CONDUITS**
[72] ECKARD, DUANE, US
[72] NATARAJAN, UMASHANKER, US
[72] CHAMPION, BRIAN, US
[72] LONGHENRY, MICHAEL, US
[71] MINIATURE PRECISION COMPONENTS, INC., US
[22] 2017-03-10
[41] 2017-10-05
[30] US (15/091,218) 2016-04-05

[21] **2,960,511**
[13] A1
[51] **Int.Cl. A01D 41/00 (2006.01) A01D 41/12 (2006.01)**
[25] EN
[54] **SWATHBOARD CONTROL WITH WINDROW MERGER ATTACHMENT**
[54] **COMMANDE DE PLANCHE A ANDAINS DOTEE D'UN ACCESSOIRE DE LIAISON D'ANDAIN**
[72] TREFFER, DOUGLAS R., US
[72] NAFZIGER, BRENDON C., US
[72] GLADE, MARK M., US
[71] AGCO CORPORATION, US
[22] 2017-03-10
[41] 2017-10-04
[30] US (62/317,967) 2016-04-04

[21] **2,960,619**
[13] A1
[51] **Int.Cl. F16B 25/04 (2006.01) F16B 25/00 (2006.01)**
[25] EN
[54] **SCREW-TYPE FASTENER**
[54] **FIXATION DE TYPE VISSE**
[72] FALKENSTEIN, MICHAEL K., US
[72] LAJEWARDI, FARHAD, US
[71] THE HILLMAN GROUP, INC., US
[22] 2017-03-13
[41] 2017-10-04
[30] US (62/317,717) 2016-04-04

[21] **2,961,073**
[13] A1
[51] **Int.Cl. C02F 9/14 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **IMPROVED HIGH EFFICIENCY WASTEWATER TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DES EAUX USEES AMELIORE A HAUTE EFFICACITE**
[72] GRAVES, GREGORY D., US
[71] GRAVES, GREGORY D., US
[22] 2017-03-13
[41] 2017-10-03
[30] US (15/403,005) 2017-01-10

[21] **2,961,084**
[13] A1
[51] **Int.Cl. E04F 19/04 (2006.01)**
[25] EN
[54] **WALL PANEL BASE TRIM AND METHOD FOR THE SAME**
[54] **BORDURE DE BASE DE PANNEAU MURAL ET METHODE ASSOCIEE**
[72] BRAUN, WAYNE HAROLD, US
[71] BRAUN, WAYNE HAROLD, US
[22] 2017-03-14
[41] 2017-10-01
[30] US (15/089,112) 2016-04-01

[21] **2,961,330**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **INTELLIGENT SENSOR-ACTIVATED LIGHT CONTROL DEVICES, SYSTEMS, AND METHODS INCLUDING AMBIENT LIGHT SENSORS**
[54] **DISPOSITIFS DE CONTROLE D'ECLAIRAGE ACTIVE PAR DETECTEUR INTELLIGENT, SYSTEMES ET METHODES COMPORTANT LES CAPTEURS D'ECLAIRAGE AMBIANT**
[72] ROGERS, BRANDON JEREMY, US
[72] EL-GAYYAR, AHMED, US
[71] EATON CORPORATION, US
[22] 2017-03-17
[41] 2017-10-01
[30] US (15/088,375) 2016-04-01

|[21]| **2,961,384**
|[13]| A1
|[51]| **Int.Cl. H04B 17/21 (2015.01) H04B 17/11 (2015.01)**
|[25]| EN
|[54]| **SYSTEM AND METHOD FOR DYNAMICALLY CALIBRATING ONE OR MORE RADIOFREQUENCY CHANNELS OF A SATELLITE PAYLOAD**
|[54]| **SYSTEME ET METHODE D'ETALONNAGE DYNAMIQUE D'UN OU DE PLUSIEURS CANAUX DE RADIOFREQUENCE D'UNE CHARGE SATELLITAIRE**
|[72]| OSTER, YANN NICOLAS PIERRE, FR
|[72]| LECOINTRE, AUBIN MICHEL, FR
|[71]| THALES, FR
|[22]| 2017-03-20
|[41]| 2017-10-04
|[30]| FR (1600565) 2016-04-04

|[21]| **2,961,444**
|[13]| A1
|[51]| **Int.Cl. B09C 1/02 (2006.01) B09C 1/04 (2006.01)**
|[25]| EN
|[54]| **DECONTAMINATION PROCESS OF SOILS AND EFFLUENTS POLLUTED BY INORGANIC AND/OR ORGANIC CONTAMINANTS**
|[54]| **PROCEDE DE DECONTAMINATION DES SOLS ET DES EFFLUENTS POLLUES PAR DES CONTANIMANTS ORGANIQUES OU INORGANIQUES**
|[72]| MERCIER, GUY, CA
|[72]| BLAIS, JEAN-FRANCOIS, CA
|[72]| GUEMIZA, KARIMA, CA
|[72]| METAHNI, SABRINE, CA
|[72]| MERCIER, GABRIELLE, CA
|[72]| CHARTIER, MYRIAM, CA
|[72]| COUDERT, LUCIE, FR
|[72]| TRAN, LAN HUONG, CA
|[72]| BESNER, SIMON, CA
|[71]| INRS, CA
|[22]| 2017-03-21
|[41]| 2017-10-06
|[30]| CA (2,926,363) 2016-04-06

|[21]| **2,961,466**
|[13]| A1
|[51]| **Int.Cl. G06Q 10/04 (2012.01)**
|[25]| EN
|[54]| **SYSTEMS AND METHODS OF CONTROLLING QUANTITIES OF DENOMINATIONS OF CURRENCY AT A RETAIL SHOPPING FACILITY**
|[54]| **SYSTEMES ET METHODES DE CONTROLE DE QUANTITES DE DENOMINATIONS D'UNE MONNAIE DANS UNE INSTALLATION DE VENTE AU DETAIL**
|[72]| NAIL, BETSY GOOSMAN, US
|[72]| JOHNSON, CHRISTOPHER M., US
|[72]| NAZARIAN, EHSAN, US
|[71]| WAL-MART STORES, INC., US
|[22]| 2017-03-20
|[41]| 2017-10-01
|[30]| US (62/317,221) 2016-04-01

|[21]| **2,961,484**
|[13]| A1
|[51]| **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61M 25/10 (2013.01)**
|[25]| EN
|[54]| **CONVERTIBLE BASKET CATHETER**
|[54]| **CATHETER A PANIER CONVERTIBLE**
|[72]| TRAN, PAUL, US
|[72]| SOLIS, MARIO A., US
|[71]| BIOSENSE WEBSTER (ISRAEL) LTD., IL
|[22]| 2017-03-20
|[41]| 2017-10-04
|[30]| US (15/090,435) 2016-04-04

|[21]| **2,961,506**
|[13]| A1
|[51]| **Int.Cl. B65D 47/32 (2006.01) B65D 49/02 (2006.01)**
|[25]| EN
|[54]| **INTEGRATED ONE-WAY VALVE WITH POLYOL FILM**
|[54]| **SOUPAPE UNIDIRECTIONNELLE INTEGREE A PELLICULE DE POLYOL**
|[72]| BRANYON, JACOB DONALD PRUE, US
|[71]| SONOCO DEVELOPMENT, INC., US
|[22]| 2017-03-21
|[41]| 2017-10-05
|[30]| US (62/318,440) 2016-04-05

|[21]| **2,961,764**
|[13]| A1
|[51]| **Int.Cl. B28B 19/00 (2006.01) B28B 17/00 (2006.01)**
|[25]| EN
|[54]| **METHOD OF FABRICATING A CONCRETE SLAB SYSTEM**
|[54]| **METHODE DE FABRICATION D'UN SYSTEME DE DALLE DE BETON**
|[72]| FACE, S. ALLEN, US
|[72]| SCURTO, GREGORY M., US
|[71]| DUCTILCRETE SLAB SYSTEMS, LLC, US
|[22]| 2017-03-22
|[41]| 2017-10-07
|[30]| US (62/319,568) 2016-04-07
|[30]| US (15/462,081) 2017-03-17

|[21]| **2,961,765**
|[13]| A1
|[51]| **Int.Cl. E04B 5/16 (2006.01) E04C 1/00 (2006.01) E04C 1/40 (2006.01)**
|[25]| EN
|[54]| **CONCRETE SLAB SYSTEM**
|[54]| **SYSTEME DE DALLE DE BETON**
|[72]| FACE, S. ALLEN, US
|[72]| SCURTO, GREGORY M., US
|[71]| DUCTILCRETE SLAB SYSTEMS, LLC, US
|[22]| 2017-03-22
|[41]| 2017-10-07
|[30]| US (62/319,568) 2016-04-07
|[30]| US (15/462,040) 2017-03-17

|[21]| **2,961,776**
|[13]| A1
|[51]| **Int.Cl. F01D 5/10 (2006.01) F01D 5/30 (2006.01) F16F 15/20 (2006.01) F16F 15/32 (2006.01) G01M 1/38 (2006.01)**
|[25]| EN
|[54]| **METHOD AND APPARATUS FOR BALANCING A ROTOR**
|[54]| **METHODE ET APPAREIL D'EQUILIBRAGE D'UN ROTOR**
|[72]| BISHOP, MICHAEL JASON, US
|[72]| KIRKENG, KEVIN LEE, US
|[71]| GENERAL ELECTRIC COMPANY, US
|[22]| 2017-03-23
|[41]| 2017-10-01
|[30]| US (15/088,803) 2016-04-01

[21] 2,961,827
[13] A1
[51] **Int.Cl. G05B 19/408 (2006.01) G05B 19/4065 (2006.01) G05B 19/409 (2006.01) G05B 19/4097 (2006.01)**
[25] EN
[54] **METHOD WHICH IS CARRIED OUT BY MEANS OF A COMPUTER SYSTEM FOR PROJECTING A PRODUCTION PROCESS AND COMPUTER PROGRAMME AND COMPUTER SYSTEM FOR CARRYING OUT THE METHOD**
[54] **METHODE QUI EST REALISEE AU MOYEN D'UN SYSTEME INFORMATIQUE EN VUE DE LA PROJECTION D'UN PROCEDE DE PRODUCTION, ET PROGRAMME INFORMATIQUE ET SYSTEME INFORMATIQUE SERVANT A REALISER LA METHODE**
[72] HEINRICHS, SERJOSHA, DE
[72] LUTHER, TORBEN, DE
[72] MARRE, MICHAEL, DE
[72] MARTIN, STEFAN, DE
[72] NOTH, THOMAS, DE
[72] PREISINGER, MARKUS, DE
[71] FELSS SYSTEMS GMBH, DE
[22] 2017-03-23
[41] 2017-10-04
[30] EP (EP 16 163 673.3) 2016-04-04

[21] 2,961,843
[13] A1
[51] **Int.Cl. B29C 47/32 (2006.01) B29C 47/88 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING THE DRAW RESONANCE IN PLANTS FOR THE PRODUCTION OF PLASTIC FILM**
[54] **SYSTEME ET METHODE DE REDUCTION DE LA RESONANCE D'APPEL DANS LES USINES EN VUE DE LA PRODUCTION DE PELLICULE PLASTIQUE**
[72] LOMBARDINI, NICOLA, IT
[71] COLINES S.P.A., IT
[22] 2017-03-23
[41] 2017-10-07
[30] IT (102016000035587) 2016-04-07

[21] 2,961,858
[13] A1
[51] **Int.Cl. A01K 1/035 (2006.01) E04F 11/00 (2006.01)**
[25] EN
[54] **PET RAMP SYSTEM**
[54] **SYSTEME DE RAMPE POUR ANIMAL DE COMPAGNIE**
[72] MACNEIL, DAVID F., US
[72] MASANEK, FREDERICK W., JR., US
[72] IVERSON, DAVID S., US
[71] MACNEIL IP LLC, US
[22] 2017-03-23
[41] 2017-10-04
[30] US (15/090321) 2016-04-04

[21] 2,961,888
[13] A1
[51] **Int.Cl. H02K 3/46 (2006.01) H02K 1/06 (2006.01) H02K 17/44 (2006.01)**
[25] EN
[54] **A STATIONARY COIL SUPPORT FOR A BRUSHLESS ALTERNATOR AND A BRUSHLESS ALTERNATOR COMPRISING THE SAME**
[54] **UN SUPPORT DE BOBINE STATIONNAIRE DESTINE A UN ALTERNATEUR SANS BALAI ET UN ALTERNATEUR SANS BALAI LE COMPORTANT**
[72] IONELE, BOGDAN, CA
[71] DIXIE ELECTRIC LTD., CA
[22] 2017-03-24
[41] 2017-10-04
[30] US (62/317,818) 2016-04-04

[21] 2,961,938
[13] A1
[51] **Int.Cl. B66F 9/20 (2006.01) B65G 1/00 (2006.01) B65G 1/137 (2006.01) B66F 9/06 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOVING PALLETS VIA UNMANNED MOTORIZED UNIT-GUIDED FORKLIFTS**
[54] **SYSTEMES ET METHODES DE DEPLACEMENT DE PALETTES AU MOYEN DE CHARIOTS ELEVATEURS A FOURCHE MOTORISES AUTONOMES**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
[22] 2017-03-23
[41] 2017-10-01
[30] US (62/316,782) 2016-04-01

[21] 2,961,940
[13] A1
[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **SMART BIN LOTTERY TICKET DISPENSER SYSTEM WITH VARYING TICKET SIZE INSERTS AND ASSOCIATED FRONT PANELS**
[54] **SYSTEME INTELLIGENT DE DISTRIBUTEUR DE BILLETS DE LOTERIE A BACS DOTE D'INSERTIONS DE FORMAT DE BILLET VARIABLE ET PANNEAUX AVANT ASSOCIES**
[72] GARRISON, SCOTT B., US
[71] SCIENTIFIC GAMES INTERNATIONAL, INC., US
[22] 2017-03-23
[41] 2017-10-06
[30] US (15/092,070) 2016-04-06

[21] 2,961,942
[13] A1
[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **SMART BIN LOTTERY TICKET DISPENSER WITH VARYING TICKET SIZE INSERTS**
[54] **DISTRIBUTEUR INTELLIGENT DE BILLET DE LOTERIE A BACS DOTE D'INSERTIONS DE FORMAT DE BILLET VARIABLES**
[72] GARRISON, SCOTT B., US
[71] SCIENTIFIC GAMES INTERNATIONAL, INC., US
[22] 2017-03-23
[41] 2017-10-06
[30] US (15/092,047) 2016-04-06

[21] **2,961,997**
[13] A1
[51] **Int.Cl. G01M 9/02 (2006.01) G01M 9/04 (2006.01)**
[25] EN
[54] **PORTABLE AEROACOUSTIC WIND TUNNEL AND METHOD OF TESTING A VEHICLE FOR WIND NOISE**
[54] **TUNEL DE VENT AEROACOUSTIQUE PORTATIF ET METHODE DE TEST DU BRUIT DU VENT DANS UN VEHICULE**
[72] GULKER, WILLIAM, US
[71] FORD MOTOR COMPANY, US
[22] 2017-03-24
[41] 2017-10-07
[30] US (62/319,437) 2016-04-07
[30] US (15/463,808) 2017-03-20

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[21] **2,962,005**
[13] A1
[51] **Int.Cl. B60P 3/20 (2006.01) B62D 25/02 (2006.01) B62D 33/04 (2006.01) F24F 13/06 (2006.01) F25D 17/04 (2006.01)**
[25] EN
[54] **AIR RETURN BULKHEAD FOR USE IN CONNECTION WITH A REFRIGERATOR UNIT WITHIN A REFRIGERATION-TYPE CARGO TRAILER**
[54] **CLOISON DE RETOUR D'AIR DESTINEE A UNE UTILISATION EN LIEN AVEC UN MODULE DE REFRIGERATEUR DANS UNE REMORQUE DE MARCHANDISE DE TYPE REFRIGEREE**
[72] CLARK, TOBY W., US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
[22] 2017-03-24
[41] 2017-10-01
[30] US (15/088,363) 2016-04-01

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[21] **2,962,243**
[13] A1
[51] **Int.Cl. H03G 3/20 (2006.01) H04J 3/02 (2006.01) A61B 5/01 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **UNCALIBRATED THERMOCOUPLE SYSTEM**
[54] **SYSTEME DE THERMOCOUPLE NON ETALONNE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] BAR-TAL, MEIR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-27
[41] 2017-10-06
[30] US (15/091,860) 2016-04-06

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[21] **2,962,245**
[13] A1
[51] **Int.Cl. H03F 1/34 (2006.01) A61N 1/08 (2006.01) H03F 3/45 (2006.01) H03F 3/68 (2006.01)**
[25] EN
[54] **LINEAR ISOLATION AMPLIFIER WITH OUTPUT DC VOLTAGE CANCELLATION**
[54] **AMPLIFICATEUR D'ISOLATION LINEAIRE SANS ANNULATION DE TENSION CC DE SORTIE**
[72] LEVIN, MICHAEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-27
[41] 2017-10-04
[30] US (15/089,703) 2016-04-04

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[21] **2,962,254**
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] FR
[54] **COMPOSITION ET TRAITEMENT D'ADN**
[54] **COMPOSITION AND METHOD FOR PROCESSING DNA**
[72] MCCLURE, REBECCA F., CA
[72] KIRWAN, TYLER P., CA
[71] MCCLURE, REBECCA F., CA
[71] KIRWAN, TYLER P., CA
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[51] **Int.Cl. B64C 1/26 (2006.01) B64C 3/38 (2006.01) B64C 39/02 (2006.01)**
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[54] **AIRCRAFT WING SHIFT DEVICE**
[54] **DISPOSITIF DE DECALAGE D'AILE D'AERONEF**
[72] GAMBLE, DUSTIN ELI, US
[72] CURRAN, MATTHEW, US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2017-03-27
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[51] **Int.Cl. C10B 53/02 (2006.01) C10B 49/02 (2006.01)**
[25] EN
[54] **BIOCHAR KILN**
[54] **SECHOIR DE BIOCHARBON**
[72] OLANDER, MIKEL, US
[72] PIERCE, PERRY, II, US
[72] BEIERWALTES, WILLIAM T., US
[72] GASPARD, JAMES G., II, US
[71] BIOCHAR NOW, LLC, US
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[30] US (62/317,573) 2016-04-03
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[51] **Int.Cl. G08B 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSIGNING A FIRE SYSTEM SAFETY SCORE AND FOR PREDICTIVE ANALYSIS VIA DATA MINING**
[54] **SYSTEMES ET METHODES D'ATTRIBUTION D'UN RESULTAT DE SECURITE INCENDIE ET D'ANALYSE PREDICTIVE AU MOYEN D'EXTRACTION DE DONNEES**
[72] GULAGULI, SHASHIKANT, US
[72] VENKATESH, BALAMURUGAN, US
[72] BALAKRISHNAN, MAHADEVAN SOMASUNDRAM, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-03-28
[41] 2017-10-06
[30] US (15/092,258) 2016-04-06

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **SELF-SUSPENDING PROPPANT FOR HYDRAULIC FRACTURING**
[54] **AGENT DE SOUTENEMENT AUTO-SUSPENDU DESTINE A LA FRACTURATION HYDRAULIQUE**
[72] MALEY, DARREN MICHAEL, CA
[72] MANIPON, MARK ERROL ABESAMIS, CA
[71] STEP ENERGY SERVICES LTD., CA
[22] 2017-03-27
[41] 2017-10-01
[30] US (62/317,331) 2016-04-01

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[13] A1
[51] **Int.Cl. F27B 17/00 (2006.01) F23B 20/00 (2006.01) F23G 5/40 (2006.01) F27B 1/10 (2006.01) F27D 1/00 (2006.01)**
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[54] **PORTABLE BIOCHAR KILN**
[54] **SECHOIR DE BIOCHARBON PORTATIF**
[72] OLANDER, MIKEL, US
[72] PIERCE, PERRY, II, US
[72] BEIERWALTES, WILLIAM T., US
[72] GASPARD, JAMES G., II, US
[71] BIOCHAR NOW, LLC, US
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[30] US (15/453,601) 2017-03-08

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[13] A1
[51] **Int.Cl. B29C 41/08 (2006.01) B05D 1/12 (2006.01) B05D 1/38 (2006.01) B05D 3/00 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **DUAL LAYER FUSION BOND EPOXY COATING FOR CONTINUOUS SUCKER ROD**
[54] **REVETEMENT EPOXYDE A LIAISON DE FUSION DOUBLE COUCHE DESTINE A UNE TIGE DE POMPAGE EN CONTINU**
[72] FRASER, JAMES, CA
[72] DUNN, LONNIE JAMES, CA
[72] ADAM, KYLE EDWARD, CA
[72] SULTANIAN, ANGELA MARIE, CA
[72] GITTERMAN, MICHAEL, CA
[72] FUNK, BRIAN, CA
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-03-28
[41] 2017-10-01
[30] US (15/088,880) 2016-04-01

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[13] A1
[51] **Int.Cl. B64F 5/10 (2017.01) A47C 31/10 (2006.01)**
[25] EN
[54] **COMMERCIAL AIRCRAFT INTERIOR MONUMENT PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION DE MONUMENT INTERIEUR D'AERONEF COMMERCIAL**
[72] ABELON, RYAN NELSON MARCELO, US
[72] HITCHCOCK, CORY M., US
[72] TRAN, TOAI DAC, US
[72] SMITH, THOMAS RALPH, JR., US
[72] SHAW, JON BURTON, US
[71] THE BOEING COMPANY, US
[22] 2017-03-29
[41] 2017-10-06
[30] US (15/092428) 2016-04-06

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[51] **Int.Cl. B22F 3/11 (2006.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B22F 3/105 (2006.01) C04B 38/00 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **HIGH POROSITY MATERIAL AND METHOD OF MAKING THEREOF**
[54] **MATERIAU A POROSITE ELEVEE ET METHODE DE FABRICATION ASSOCIEE**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR., US
[72] ALBRECHT, RICHARD WILLIAM, JR., US
[72] ESTILL, ERIC ALAN, US
[72] FLYNN, PETER ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-05
[30] US (15/091,339) 2016-04-05

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[13] A1
[51] **Int.Cl. B60P 3/079 (2006.01) B60P 3/075 (2006.01)**
[25] EN
[54] **AXLE STRAP WITH ATTACHABLE END PIECES**
[54] **SANGLE D'ESSIEU A PIECES D'EXTREMITE ATTACHABLES**
[72] CHRISTIANSEN, VON ROY, JR., US
[72] GATES, GARY D., US
[71] ARIENS COMPANY, US
[22] 2017-03-29
[41] 2017-10-04
[30] US (15/090,514) 2016-04-04

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 10/10 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR AUTONOMOUS MESSAGING INTEGRATION**
[54] **SYSTEME, APPAREIL ET MESSAGE D'INTEGRATION DE MESSAGERIE AUTONOME**
[72] ROBERTS, MICHAEL, CA
[72] NEWTON, LAURA, CA
[71] KIK INTERACTIVE INC., CA
[22] 2017-03-30
[41] 2017-10-04
[30] US (62/317821) 2016-04-04

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|[13] A1
|[51] **Int.Cl. C22B 3/08 (2006.01) C22B 7/00 (2006.01) H01M 8/18 (2006.01)**
|[25] EN
|[54] **METHOD FOR PRODUCING ELECTROLYTE FOR VANADIUM REDOX BATTERIES FROM OIL SANDS WASTE**
|[54] **METHODE DE PRODUCTION D'ELECTROLYTE POUR DES BATTERIES REDOX AU VANADIUM A PARTIR DE DECHETS DE SABLES BITUMINEUX**
|[72] KHAJE, KOUROSH, CA
|[72] MKHANI, MARYAM, CA
|[71] ENSCITECH CORP, CA
|[22] 2017-03-31
|[41] 2017-10-01
|[30] US (62/316652) 2016-04-01

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|[51] **Int.Cl. H01H 13/83 (2006.01) H01H 9/18 (2006.01)**
|[25] EN
|[54] **KEYPAD WITH REPLACEABLE KEY LABELS**
|[54] **CLAVIER DOTE D'ETIQUETTES DE TOUCHE REMPLACABLE**
|[72] WAREHAM, PAUL C., CA
|[72] NUTTER, SEAN, CA
|[72] MANNING, WESLEY, CA
|[72] COULSON, RICHARD R., CA
|[71] DYNAGEN TECHNOLOGIES INCORPORATED, CA
|[22] 2017-03-31
|[41] 2017-10-06
|[30] US (62/318900) 2016-04-06

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|[13] A1
|[51] **Int.Cl. E21B 33/134 (2006.01) E21B 33/13 (2006.01)**
|[25] EN
|[54] **SOLID-CORE FILAMENT-WOUND COMPOSITE MANDREL**
|[54] **MANDRIN COMPOSITE A ENROULEMENT DE FILAMENT ET NOYAU SOLIDE**
|[72] TSE, KYLE, US
|[72] JARRETT, COLBY, US
|[71] TSE, KYLE, US
|[71] JARRETT, COLBY, US
|[22] 2017-03-31
|[41] 2017-10-01
|[30] US (62/316,566) 2016-04-01

|[21] **2,962,841**
|[13] A1
|[51] **Int.Cl. E06B 9/322 (2006.01)**
|[25] EN
|[54] **SYSTEM AND DEVICE FOR WINDOW COVERING**
|[54] **SYSTEME ET DISPOSITIF DE REVETEMENT DE FENETRE**
|[72] CHEN, LIN, TW
|[72] NIEN, KENG-HAO, TW
|[71] NIEN MADE ENTERPRISE CO., LTD, TW
|[22] 2017-03-30
|[41] 2017-10-06
|[30] US (62/318,771) 2016-04-06

|[21] **2,962,848**
|[13] A1
|[51] **Int.Cl. B62J 1/08 (2006.01) B62J 1/06 (2006.01)**
|[25] EN
|[54] **ELECTRICALLY CONTROLLABLE SEAT POST**
|[54] **MONTANT DE SIEGE COMMANDE ELECTRIQUEMENT**
|[72] JHOU, SHU-YU, TW
|[72] HSU, CHE-WEI, TW
|[72] CHEN, I-TEH, TW
|[71] GIANT MANUFACTURING CO., LTD., TW
|[22] 2017-03-29
|[41] 2017-10-01
|[30] TW (105204620) 2016-04-01

|[21] **2,962,860**
|[13] A1
|[51] **Int.Cl. E06B 9/322 (2006.01)**
|[25] EN
|[54] **SYSTEM AND DEVICE FOR WINDOW COVERING**
|[54] **SYSTEME ET DISPOSITIF DE REVETEMENT DE FENETRE**
|[72] CHEN, LIN, CN
|[72] NIEN, KENG-HAO, CN
|[71] NIEN MADE ENTERPRISE CO., LTD, CN
|[22] 2017-03-30
|[41] 2017-10-06
|[30] US (62/318,771) 2016-04-06

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|[13] A1
|[51] **Int.Cl. G06F 21/35 (2013.01) G06F 21/62 (2013.01)**
|[25] EN
|[54] **SYSTEMS, METHODS AND DEVICES FOR SECURE DATA STORAGE WITH WIRELESS AUTHENTICATION**
|[54] **SYSTEMES, METHODES ET DISPOSITIFS DE STOCKAGE SECURISE DE DONNEES A AUTHENTIFICATION SANS FIL**
|[72] FRUSINA, CRISTIAN, US
|[71] GREEN TREE LABS INC., CA
|[22] 2017-03-31
|[41] 2017-10-01
|[30] US (62316646) 2016-04-01

|[21] **2,962,867**
|[13] A1
|[51] **Int.Cl. B61D 19/00 (2006.01) E05B 83/40 (2014.01) E05F 15/635 (2015.01) B60J 5/04 (2006.01) E05C 1/02 (2006.01)**
|[25] EN
|[54] **PLUG DOOR DEVICE**
|[54] **DISPOSITIF DE PORTE AFFLEURANTE**
|[72] YAMAGUCHI, ATSUHITO, JP
|[71] NABTESCO CORPORATION, JP
|[22] 2017-03-30
|[41] 2017-10-01
|[30] JP (2016-074588) 2016-04-01

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|[13] A1
|[51] **Int.Cl. A47F 3/04 (2006.01) F25D 17/06 (2006.01)**
|[25] EN
|[54] **HOLDER FOR A REFRIGERATED CASE**
|[54] **SUPPORT DE CASIER REFRIGERE**
|[72] SPARKS, ROBERT, US
|[71] ZERO ZONE, INC., US
|[22] 2017-03-30
|[41] 2017-10-01
|[30] US (15/088,875) 2016-04-01

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 23/14 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PARAMETER MEASUREMENT IN WELL**
[54] **SYSTEME ET METHODE DE MESURE DE PARAMETRE DANS UN PUITS**
[72] THORNBERRY, ANTHONY, US
[72] AINSLIE, JOHN, US
[72] COVINGTON, DAVID, US
[71] SERCEL-GRC CORP., US
[22] 2017-03-29
[41] 2017-10-04
[30] US (15/089,698) 2016-04-04

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[51] **Int.Cl. B61L 23/00 (2006.01) B61L 13/00 (2006.01) B61L 23/08 (2006.01)**
[25] FR
[54] **TRAFFIC MANAGEMENT PROCESS FOR A RAILWAY VEHICLE WITH LATERAL ANTICOLLISION PROTECTION**
[54] **PROCEDE DE GESTION DE CIRCULATION D'UN VEHICULE FERROVIAIRE AVEC PROTECTION ANTICOLLISION LATERALE**
[72] BALLESTEROS, JAVIER, FR
[72] DUBOULOZ, JEROME, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-03-29
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[30] FR (16 52 863) 2016-04-01

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[51] **Int.Cl. F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21V 21/30 (2006.01) F21V 31/00 (2006.01) F21V 1/00 (2006.01) F21V 5/00 (2015.01)**
[25] EN
[54] **LED LIGHTING FIXTURE HAVING A HEAT DISSIPATING FEATURE**
[54] **LUMINAIRE A DEL COMPORTANT UN DISPOSITIF DE DISSIPATION THERMIQUE**
[72] OUELLET, BERTRAND, CA
[72] TREMBLAY, NICOLE, CA
[71] OUELLET, BERTRAND, CA
[71] TREMBLAY, NICOLE, CA
[22] 2017-04-04
[41] 2017-10-05
[30] GB (1605831.5) 2016-04-05

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[13] A1
[51] **Int.Cl. F16B 2/18 (2006.01) B23Q 3/00 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **CLAMPING APPARATUS WITH CONTROL MECHANISM FOR SPRING-ACTUATED LEVER**
[54] **APPAREIL DE PINCEMENT DOTE D'UN MECANISME DE COMMANDE DE LEVIER ACTIONNE PAR UN RESSORT**
[72] BERNARDI, WALTER, US
[72] SCHADEGG, DANIEL, US
[71] ROBERT BOSCH TOOL CORPORATION, US
[71] ROBERT BOSCH GMBH, DE
[22] 2017-03-31
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[30] US (62/316,721) 2016-04-01

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[51] **Int.Cl. B60R 15/00 (2006.01) B60P 3/36 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **IMPROVED DRAIN SPOUT FOR SANITARY TRAILERS**
[54] **BEC DE DRAIN AMELIORE DESTINE A DES REMORQUES SANITAIRES**
[72] CAIRD, SCOTT J., US
[72] JOHNSON, AARON R., US
[72] NISTLER, ADRIAN J., US
[72] PICKARSKI, GERALD M., US
[72] POEPKE, JEREMIAH J., US
[72] SCHAEFER, DEREK J., US
[72] WEIS, PETER M., US
[72] WIMMER, RICHARD J., US
[71] POLAR TANK TRAILER, LLC, US
[22] 2017-04-03
[41] 2017-10-04
[30] US (15/089,641) 2016-04-04

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[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 8/20 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONNECTING TO A WIRELESS NETWORK**
[54] **METHODES ET SYSTEMES DE CONNEXION A UN RESEAU SANS FIL**
[72] LEE, YIU LEUNG, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-03-31
[41] 2017-10-01
[30] US (15/088,749) 2016-04-01

[21] **2,962,980**
[13] A1
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **VEHICLE RESTRAINT**
[54] **DISPOSITIF DE LIMITATION DE VEHICULE**
[72] KOSEK, STEPHEN, US
[72] STORY, MICHAEL, US
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[22] 2017-04-03
[41] 2017-10-04
[30] US (UNKNOWN) 2016-04-04
[30] US (15/466,006) 2017-03-22

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|[13] A1
|[51] **Int.Cl. F16C 33/04 (2006.01) B64C 25/00 (2006.01) F16C 33/20 (2006.01)**
|[25] EN
|[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
|[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
|[72] FOSTER, NICHOLAS, GB
|[72] EVANS, SAM, GB
|[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
|[22] 2017-03-30
|[41] 2017-10-06
|[30] EP (16164068.5) 2016-04-06

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|[13] A1
|[51] **Int.Cl. E04H 4/08 (2006.01) A61H 33/00 (2006.01) E04H 4/06 (2006.01)**
|[25] EN
|[54] **MOVEMENT ASSISTANCE DEVICE FOR A SPA COVER**
|[54] **DISPOSITIF D'AIDE AU MOUVEMENT DESTINE A UN COUVERCLE DE SPA**
|[72] GENOVA, MICHAEL C., US
|[71] LEISURE CONCEPTS, INC., US
|[22] 2017-03-30
|[41] 2017-10-05
|[30] US (15/090,808) 2016-04-05

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|[13] A1
|[51] **Int.Cl. G06F 19/12 (2011.01) G06F 19/10 (2011.01) C12Q 1/68 (2006.01)**
|[25] EN
|[54] **SCREENING OF LARGE-SCALE GENETIC INTERACTION NETWORKS**
|[54] **DEPISTAGE DE RESEAUX D'INTERACTION GENETIQUE A GRANDE ECHELLE**
|[72] DESHPANDE, RAAMESH, US
|[72] NELSON, JUSTIN L., US
|[72] MYERS, CHAD L., US
|[72] SIMPKINS, SCOTT, US
|[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
|[22] 2017-03-31
|[41] 2017-10-01
|[30] US (62/317038) 2016-04-01

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|[13] A1
|[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61L 24/06 (2006.01)**
|[25] EN
|[54] **DEVICE FOR MIXING AND STORING POLYMETHYL METHACRYLATE BONE CEMENT WITH PRESSURE PUMP AND AMPOULE BREAKER**
|[54] **DISPOSITIF DE MELANGE ET D'ENTREPOSAGE DE CIMENT ORTHOPEDIQUE POLYMETHYLE METHYLACRYLATE DOTE D'UNE POMPE DE PRESSION ET D'UN BRISE-AMPOULE**
|[72] VOGT, SEBASTIAN, DE
|[72] KLUGE, THOMAS, DE
|[71] HERAEUS MEDICAL GMBH, DE
|[22] 2017-03-31
|[41] 2017-10-06
|[30] DE (10 2016 106 261.8) 2016-04-06

|[21] **2,963,049**
|[13] A1
|[51] **Int.Cl. E04D 1/12 (2006.01)**
|[25] EN
|[54] **ROOFING SHINGLE**
|[54] **BARDEAU DE TOITURE**
|[72] JENKINS, ROBERT L., US
|[72] NASH, ALEX C., US
|[72] JACOBS, GREGORY F., US
|[71] CERTAINTEED CORPORATION, US
|[22] 2017-03-31
|[41] 2017-10-01
|[30] US (62/317,065) 2016-04-01

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|[13] A1
|[51] **Int.Cl. H01M 10/6563 (2014.01) H01M 10/0525 (2010.01) H01M 2/02 (2006.01)**
|[25] EN
|[54] **ENERGY SOURCE ENCLOSURE SYSTEMS AND METHODS WITH THROUGH-AIR THERMAL MANAGEMENT**
|[54] **SYSTEMES D'ENCEINTE DE SOURCE D'ENERGIE ET METHODES ASSOCIES A LA GESTION THERMIQUE DE L'AIR TRAVERSANT**
|[72] CRAGNOTTI, JOE, US
|[72] HILLIGOSS, LAWRENCE O., US
|[72] STOERMER, GREG, US
|[71] THE RAYMOND CORPORATION, US
|[22] 2017-04-03
|[41] 2017-10-04
|[30] US (62/317,812) 2016-04-04

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|[13] A1
|[51] **Int.Cl. C25D 17/00 (2006.01) C25D 5/00 (2006.01)**
|[25] EN
|[54] **PORTABLE AND MODULAR PRODUCTION ELECTROPLATING SYSTEM**
|[54] **SYSTEME D'ELECTROPLACAGE DE PRODUCTION MODULAIRE ET PORTATIF**
|[72] TABOR, KRAIG A., US
|[72] KASSOUF, THOMAS L., US
|[72] GUEDES, RICARDO M., US
|[72] FORMELLA, GREG P., US
|[72] BIRSCHBACH, ALAN J., US
|[72] EISCH, PETER W., US
|[72] DILLON, GARRY L., US
|[72] KASCHAK, CHAD J., US
|[72] GENTILE, MICHAEL G., US
|[71] SNAP-ON INCORPORATED, US
|[22] 2017-04-03
|[41] 2017-10-05
|[30] US (62/318,391) 2016-04-05
|[30] US (62/331,709) 2016-05-04
|[30] US (15/472,606) 2017-03-29

[21] 2,963,103
[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01) F24F 7/06 (2006.01)**
[25] EN
[54] **VERTICAL EXTRACTOR HOOD FOR A KITCHEN**
[54] **HOTTE DE CUISINE A EXTRACTEUR VERTICAL**
[72] BIOCCO, SIMONE, IT
[72] CELLI, SIMONE, IT
[72] FAGINOLI, FRANCESCO, IT
[72] ROMANI, FABIO, IT
[71] FABER S.P.A., IT
[22] 2017-04-03
[41] 2017-10-07
[30] IT (202016000035720) 2016-04-07

[21] 2,963,104
[13] A1
[51] **Int.Cl. G09B 9/042 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VEHICLE SIMULATION**
[54] **SYSTEME ET METHODE DE DETERMINATION DE SIMULATION DE VEHICULE**
[72] WEISS, JOSEPH, US
[72] BENTLEY, STEPHEN, US
[72] GONCALVES, FERNANDO, US
[72] MEDWIN, STEVEN, US
[72] VANDERPOOL, JOSH, US
[71] THE RAYMOND CORPORATION, US
[22] 2017-04-03
[41] 2017-10-04
[30] US (62/317,755) 2016-04-04
[30] US (15/476,039) 2017-03-31

[21] 2,963,105
[13] A1
[51] **Int.Cl. H04M 3/493 (2006.01)**
[25] EN
[54] **INTERACTIVE VOICE RESPONSE SYSTEM CRAWLER**
[54] **MESSAGE DEFILANT DE SYSTEME DE REPONSE VOCAL INTERACTIF**
[72] KULKARNI, ALOK, AU
[72] WILLSHIRE, GEOFF, AU
[72] NG, IAN, US
[71] CYARA SOLUTIONS PTY LTD., AU
[22] 2017-04-04
[41] 2017-10-05
[30] US (15/091,556) 2016-04-05

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[51] **Int.Cl. B01J 37/02 (2006.01) H01M 8/1004 (2016.01) B01J 37/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PREPARING A CATALYST COATED MEMBRANE**
[54] **METHODE ET DISPOSITIF DE PREPARATION D'UNE MEMBRANE REVETUE D'UN CATALYSEUR**
[72] LEERATANAPHANIT, SARAYUT, DE
[72] NOLLMANN, BERND, DE
[71] GREENERITY GMBH, DE
[22] 2017-04-03
[41] 2017-10-06
[30] EP (16163977.8) 2016-04-06

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[51] **Int.Cl. H04H 60/02 (2009.01) H04J 99/00 (2009.01) H03M 13/27 (2006.01) H04L 27/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR GENERATING BROADCAST SIGNAL FRAME FOR SIGNALING TIME INTERLEAVING MODE AND METHOD USING THE SAME**
[54] **APPAREIL DE GENERATION D'UNE TRAME DE SIGNAUX DE DIFFUSION SERVANT A SIGNALER UN MODE D'ENTRELACEMENT TEMPOREL ET METHODE EMPLOYANT LEDIT APPAREIL**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] LIM, BO-MI, KR
[72] KIN, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2017-04-03
[41] 2017-10-04
[30] KR (10-2016-0041218) 2016-04-04
[30] KR (10-2016-0042857) 2016-04-07
[30] KR (10-2017-0032604) 2017-03-15

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[51] **Int.Cl. A01K 5/00 (2006.01) A01K 5/01 (2006.01)**
[25] EN
[54] **PET FEEDING SYSTEM**
[54] **SYSTEME D'ALIMENTATION POUR ANIMAL DE COMPAGNIE**
[72] MACNEIL, DAVID F., US
[72] MASANEK, FREDERICK W., JR., US
[71] MACNEIL IP LLC, US
[22] 2017-04-03
[41] 2017-10-04
[30] US (15/089863) 2016-04-04
[30] US (15/467160) 2017-03-23

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[13] A1
[51] **Int.Cl. E04B 2/88 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **CURTAIN WALL SYSTEM, CORNER BRACKET FOR CURTAIN WALL SYSTEM, AND ASSOCIATED METHOD**
[54] **SYSTEME DE RIDEAU MURAL, SUPPORT DE COIN DESTINE A UN SYSTEME DE RIDEAU MURAL ET METHODE ASSOCIEE**
[72] LOYD, STEPHEN C., US
[71] STEPHEN N. LOYD IRREVOCABLE FAMILY TRUST, US
[22] 2017-04-04
[41] 2017-10-04
[30] US (15/090,442) 2016-04-04

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|[13] A1
|[51] **Int.Cl. G02B 6/28 (2006.01) G02B 6/12 (2006.01)**
|[25] EN
|[54] **OPTICAL ASSEMBLY AND METHOD FOR COUPLING A WAVEGUIDE ARRAY TO A PHOTONIC-INTEGRATED CIRCUIT**
|[54] **DISPOSITIF OPTIQUE ET METHODE DE COUPLAGE D'UN RESEAU DE GUIDE D'ONDE A UN CIRCUIT INTEGRE PHOTONIQUE**
|[72] COTE, PATRICE, CA
|[72] PARADIS, PATRICK, CA
|[72] LEVESQUE, MARC, CA
|[72] REGNIER, JACQUES, CA
|[72] PAQUET, ALEX, CA
|[71] INSTITUT NATIONAL D'OPTIQUE, CA
|[22] 2017-03-31
|[41] 2017-10-01
|[30] US (62/316,643) 2016-04-01

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|[51] **Int.Cl. G08B 13/196 (2006.01)**
|[25] EN
|[54] **SYSTEMS AND METHODS FOR TRACKING UNAUTHORIZED INTRUDERS USING DRONES INTEGRATED WITH A SECURITY SYSTEM**
|[54] **SYSTEMES ET METHODES DE SUIVI D'INTRUS NON AUTORISES AU MOYEN DE DRONES INTEGRES A UN SYSTEME DE SECURITE**
|[72] ASWATH, RAVIKUMAR VEMAGAL, US
|[72] PRASAD, SHANKAR, US
|[72] KALKERE, GIRIDHARA, US
|[71] HONEYWELL INTERNATIONAL INC., US
|[22] 2017-03-31
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|[30] US (15/474,129) 2017-03-30

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|[51] **Int.Cl. A01M 21/04 (2006.01)**
|[25] EN
|[54] **SPIKE ATTACHMENT FOR STEAM WEED KILLING APPARATUS**
|[54] **FIXATION DE CRAMPON DESTINEE A UN APPAREIL D'ELIMINATION DE MAUVAISE HERBE AU MOYEN DE VAPEUR**
|[72] ROCHA, JUAN, US
|[72] SEATON, ROBERT, US
|[71] DYNAMIC SOLUTIONS WORLDWIDE, LLC, US
|[22] 2017-04-05
|[41] 2017-10-06
|[30] US (15/091,664) 2016-04-06

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|[51] **Int.Cl. G06F 21/62 (2013.01)**
|[25] EN
|[54] **CONTROLLING ACCESS TO APPLICATION DATA**
|[54] **CONTROLE D'ACCES AUX DONNEES D'APPLICATION**
|[72] QUINLAN, SEAN MICHAEL, US
|[72] SOMANI, HANIFF, US
|[72] BARKER, PETER, US
|[72] HAWKINS, SIAVASH JAMES JOORABCHIAN, GB
|[72] MAURYA, SANJIV, US
|[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
|[22] 2017-04-05
|[41] 2017-10-07
|[30] US (15/093,183) 2016-04-07

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|[13] A1
|[51] **Int.Cl. B61L 9/04 (2006.01)**
|[25] EN
|[54] **SUB-ASSEMBLY FOR SEARCHLIGHT SIGNAL, AND ASSOCIATED ASSEMBLY**
|[54] **SOUS-MODULE DE SIGNAL DE LAMPE DE RECHERCHE, ET MODULE ASSOCIE**
|[72] FRIES, JEFFREY, US
|[72] TIEMANN, BRIAN, US
|[72] CRAWFORD, CHARLES, US
|[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
|[22] 2017-04-03
|[41] 2017-10-07
|[30] US (15/093,601) 2016-04-07

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|[51] **Int.Cl. G01J 3/02 (2006.01) G01J 3/42 (2006.01)**
|[25] EN
|[54] **LIGHT PIPE FOR SPECTROSCOPY**
|[54] **TUYAU LUMINEUX DESTINE A LA SPECTROSCOPIE**
|[72] HRUSKA, CURTIS R., US
|[72] ZOU, PENG, US
|[72] CATCHING, BENJAMIN F., US
|[72] VON GUNTEN, MARC K., US
|[72] SMITH, VALTON, US
|[71] VIAVI SOLUTIONS INC., US
|[22] 2017-04-04
|[41] 2017-10-05
|[30] US (62/318,428) 2016-04-05

|[21] **2,963,207**
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|[51] **Int.Cl. B29B 7/42 (2006.01)**
|[25] EN
|[54] **PLASTICATING APPARATUS SCREW HAVING GROOVES OF VARYING ANGLES AND DEPTHS**
|[54] **VIS D'APPAREIL DE PLASTIFICATION COMPORTANT DES RAINURES D'ANGLES ET DE PROFONDEURS DIFFERENTS**
|[72] CHRISTIANO, JOHN P., US
|[71] DAVIS-STANDARD, LLC, US
|[22] 2017-04-04
|[41] 2017-10-06
|[30] US (15/091,802) 2016-04-06

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|[13] A1
|[51] **Int.Cl. F25J 1/02 (2006.01) F25J 5/00 (2006.01)**
|[25] EN
|[54] **METHOD OF OPERATING NATURAL GAS LIQUEFACTION FACILITY**
|[54] **METHODE D'EXPLOITATION D'UNE INSTALLATION DE LIQUEFACTION DE GAZ NATUREL**
|[72] CHEN, FEI, US
|[72] JOHNSTON, BRIAN KEITH, US
|[72] ROBERTS, MARK JULIAN, US
|[71] AIR PRODUCTS AND CHEMICALS, INC., US
|[22] 2017-04-04
|[41] 2017-10-06
|[30] US (15/091,883) 2016-04-06

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[13] A1
[51] **Int.Cl. E02D 29/14 (2006.01) E02D 29/12 (2006.01)**
[25] EN
[54] **SAFETY LANDING**
[54] **ATTERRISSAGE DE SECURITE**
[72] VETER, PAUL EDWARD, CA
[71] ACCESS INDUSTRIAL INC., CA
[22] 2017-04-04
[41] 2017-10-05
[30] US (62/318,431) 2016-04-05

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[13] A1
[51] **Int.Cl. B64C 39/02 (2006.01) G07C 9/00 (2006.01) H04B 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING UAV-BASED DIGITAL ESCORT DRONES IN VISITOR MANAGEMENT AND INTEGRATED ACCESS CONTROL SYSTEMS**
[54] **SYSTEMES ET METHODES PERMETTANT DE FOURNIR DES DRONES D'ACCOMPAGNEMENT NUMERIQUES FONDES SUR UN AERONEF SANS PILOTE POUR LA GESTION DE VISITEUR ET SYSTEMES DE CONTROLE D'ACCES INTEGRES**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-04-04
[41] 2017-10-05
[30] US (62/318,578) 2016-04-05
[30] US (15/467,224) 2017-03-23

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[13] A1
[51] **Int.Cl. B67D 7/04 (2010.01) B67D 7/78 (2010.01) B60P 3/22 (2006.01) F17C 7/00 (2006.01)**
[25] EN
[54] **FLUID TRANSPORTATION AND DELIVERY APPARATUS**
[54] **APPAREIL DE TRANSPORT ET DISTRIBUTION DE FLUIDE**
[72] WRUCK, ABE, US
[72] KELLEN, JEREMY, US
[72] HENNEN, MIKE, US
[71] WESTMOR INDUSTRIES, LLC, US
[22] 2017-04-05
[41] 2017-10-05
[30] US (62/318639) 2016-04-05

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[13] A1
[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/2387 (2011.01)**
[25] EN
[54] **TRICK PLAY USER ACTIVITY RECONSTRUCTION**
[54] **RECONSTRUCTION D'ACTIVITE UTILISATEUR DE JEU DE TRUCAGE**
[72] FRANZINI, SIMONE, US
[72] RITTLE, LOREN J., US
[72] KUHLMAN, DOUGLAS A., US
[71] ARRIS ENTERPRISES LLC, US
[22] 2017-04-05
[41] 2017-10-05
[30] US (15/091,238) 2016-04-05

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[13] A1
[51] **Int.Cl. C22C 38/42 (2006.01) C21D 6/02 (2006.01)**
[25] EN
[54] **PRECIPITATION HARDENED MARTENSITIC STAINLESS STEEL AND RECIPROCATING PUMP MANUFACTURED THEREWITH**
[54] **ACIER INOXYDABLE MARTENSITIQUE DURCI PAR PRECIPITATION ET POMPE ALTERNATIVE FAITE DUDIT ACIER**
[72] UNDERYS, ALGIRDAS, US
[72] ADAMSON, JESSE, US
[72] SHIRLEY, MARK, US
[71] A. FINKL & SONS CO., US
[22] 2017-04-05
[41] 2017-10-07
[30] US (62/319,406) 2016-04-07
[30] US (15/477,764) 2017-04-03

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[13] A1
[51] **Int.Cl. B25J 9/00 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **SYSTEM FOR CONTENT RECOGNITION AND RESPONSE ACTION**
[54] **SYSTEME DE RECONNAISSANCE DE CONTENU ET ACTION DE REPONSE**
[72] BLAKELY, JOHN, US
[72] CARROLL, JON, US
[72] EARWOOD, COREY, US
[72] DORRIS, BRANDON, US
[72] WILLIAMS, ADAM, US
[72] RHODES, DAVID, US
[71] SPHERO, INC., US
[22] 2017-04-04
[41] 2017-10-04
[30] US (62/318,160) 2016-04-04
[30] US (15/473,376) 2017-03-27

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[13] A1
[51] **Int.Cl. C02F 3/28 (2006.01) C02F 3/00 (2006.01) C02F 11/04 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **SELF-FLUSHING ANAEROBIC DIGESTER SYSTEM**
[54] **SYSTEME DE DIGESTEUR ANAEROBIQUE AUTONETTOYANT**
[72] DEWAARD, DAVID, US
[71] DARITECH, INC., US
[22] 2017-04-05
[41] 2017-10-05
[30] US (62/318,705) 2016-04-05
[30] US (15/479,640) 2017-04-05

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[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01) B62B 3/14 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **SHOPPING CART CORRAL SYSTEM AND ASSOCIATED SYSTEMS AND METHODS**
[54] **SYSTEME DE FUSION DE PANIER D'ACHAT ET SYSTEMES ET METHODES ASSOCIES**
[72] JONES, NICHOLAUS ADAM, US
[72] TAYLOR, ROBERT JAMES, US
[72] VASGAARD, AARON, US
[72] JONES, MATTHEW ALLEN, US
[71] WAL-MART STORES, INC., US
[22] 2017-04-06
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[51] **Int.Cl. B60N 2/58 (2006.01) B60K 28/04 (2006.01)**
[25] EN
[54] **CAPACITIVE SENSING ANTENNA ARRAY**
[54] **RESEAU D'ANTENNES A CAPTAGE CAPACITIF**
[72] KOZLOWSKI, ERIC, US
[71] MAGNA SEATING INC., CA
[22] 2017-04-05
[41] 2017-10-06
[30] US (62/318,850) 2016-04-06

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[51] **Int.Cl. H01R 13/447 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **SAFETY FACEPLATE FOR ELECTRICAL RECEPTACLE**
[54] **PLAQUE DE SECURITE DESTINEE A UNE PRISE DE COURANT**
[72] MONZAVIYAN, SAMEEM, CA
[71] CANMIND INNOVATIONS INC., CA
[22] 2017-04-06
[41] 2017-10-06
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[51] **Int.Cl. A47F 5/00 (2006.01) A47B 53/00 (2006.01) B65G 1/00 (2006.01)**
[25] EN
[54] **BACK END STOCKING SHELVING**
[54] **ETALAGE D'ENTREPOSAGE ABOUTANT**
[72] TIRMANDAS, AKHILESH, US
[72] BELLAR, JASON D., US
[71] WAL-MART STORES, INC., US
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[51] **Int.Cl. F21V 21/112 (2006.01) F21V 21/10 (2006.01) F21V 21/14 (2006.01) F21V 7/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE HANGING ELEMENT FOR SUSPENDED LIGHT FIXTURES**
[54] **ELEMENT SUSPENDU AJUSTABLE DESTINE AUX LUMINAIRES SUSPENDUS**
[72] XIANG, JUN, US
[72] ORTEGA, BRYAN, US
[71] MAXLITE, INC., US
[22] 2017-04-07
[41] 2017-10-07
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[51] **Int.Cl. B27L 11/00 (2006.01)**
[25] EN
[54] **WASTE PROCESSING MACHINE FEED ASSIST SYSTEM**
[54] **SYSTEME D'ASSISTANCE A L'ALIMENTATION D'UNE MACHINE DE TRAITEMENT DES DECHETS**
[72] WALCUTT, TIMOTHY RYAN, US
[72] STICKLER, THOMAS ARTHUR, US
[71] BANDIT INDUSTRIES, INC., US
[22] 2017-04-06
[41] 2017-10-06
[30] US (62/318,979) 2016-04-06
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[51] **Int.Cl. B27L 11/00 (2006.01)**
[25] EN
[54] **WASTE PROCESSING MACHINE WINCH DOCKING SAFETY SYSTEM**
[54] **SYSTEME D'ANCRAGE SECURITAIRE DE TREUIL DE MACHINE DE TRAITEMENT DES DECHETS**
[72] WALCUTT, TIMOTHY RYAN, US
[72] STICKLER, THOMAS ARTHUR, US
[71] BANDIT INDUSTRIES, INC., US
[22] 2017-04-06
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[51] **Int.Cl. F04D 29/42 (2006.01) F04D 25/06 (2006.01) F04D 29/28 (2006.01) F24C 15/20 (2006.01)**
[25] EN
[54] **IMPROVED FAN FOR SMOKE AND VAPOUR EXTRACTION SYSTEM, IN PARTICULAR FOR KITCHENS AND EXTRACTION SYSTEM INCORPORATING SUCH A FAN**
[54] **VENTILATEUR AMELIORE DESTINE A UN SYSTEME D'EXTRACTION DE FUMEE ET DE VAPEUR, NOTAMMENT DANS LES CUISINES ET SYSTEME D'EXTRACTION INCORPORANT UN TEL VENTILATEUR**
[72] ASTOLFI, ILARIA, ZZ
[72] BIOCCO, SIMONE, IT
[72] CELLI, SIMONE, IT
[72] FAGINOLI, FRANCESCO, IT
[72] GALASSI, RAFFAELE, ZZ
[71] FABER S.P.A., IT
[22] 2017-04-07
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[30] IT (102016000035918) 2016-04-07

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[13] A1
[51] Int.Cl. F25D 9/00 (2006.01) F24F 13/30 (2006.01) F25B 27/00 (2006.01) G06F 1/20 (2006.01) H01L 23/473 (2006.01)
[25] EN
[54] DATA CENTER GEOTHERMAL COOLING
[54] REFROIDISSEMENT DE CENTRE DE DONNEES PAR GEOTHERMIE
[72] HARDIN, JAMES R., US
[71] HARDIN, JAMES R., US
[22] 2017-04-07
[41] 2017-10-07
[30] US (62/319,585) 2016-04-07

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[13] A1
[51] Int.Cl. B62B 1/14 (2006.01) B62B 1/26 (2006.01)
[25] EN
[54] TRANSPORT DOLLY FOR A SNOWMOBILE SKI
[54] CHARIOT DE TRANSPORT DESTINE A UN SKI DE MOTONEIGE
[72] CRYNICK, TIMOTHY J., US
[71] CRYNICK, TIMOTHY J., US
[22] 2017-04-07
[41] 2017-10-07
[30] US (62/319,749) 2016-04-07
[30] US (15/481,373) 2017-04-06

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[13] A1
[51] Int.Cl. G09B 21/00 (2006.01) A44C 1/00 (2006.01) A45F 5/02 (2006.01) A47G 25/00 (2006.01) G09F 3/02 (2006.01)
[25] EN
[54] BUTTONS, BEADS, AND REMOVABLE CLIPS BEARING BRAILLE INDICIA FOR FABRIC
[54] BOUTONS, PERLES ET PINCES AMOVIBLES PORTANT DES INDICES EN BRAILLE POUR TISSU
[72] JOVANOVIC, ALEXA ROMA, CA
[71] JOVANOVIC, ALEXA ROMA, CA
[22] 2017-04-07
[41] 2017-10-07
[30] US (62/319,562) 2016-04-07

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[13] A1
[51] Int.Cl. H01H 36/02 (2006.01) E03F 5/10 (2006.01) E03F 5/22 (2006.01)
[25] EN
[54] MULTIPLE SWITCH FLOAT SWITCH APPARATUS HAVING A MAGNETIC COUPLING
[54] APPAREIL D'INTERRUPTEUR A FLOTTEUR POUR INTERRUPTEUR MULTIPLE COMPORTANT UN RACCORD MAGNETIQUE
[72] NOEL, RAYMOND, CA
[71] NOEL, RAYMOND, CA
[22] 2017-04-07
[41] 2017-10-07
[30] US (15/092,680) 2016-04-07

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[13] A1
[51] Int.Cl. H04W 74/08 (2009.01) H04W 4/02 (2009.01) H04W 4/04 (2009.01) H04W 4/12 (2009.01) H04W 4/18 (2009.01)
[25] EN
[54] QUEUED AND CENTRALIZE VOICE-TEXT-VIDEO WALKIE-TALKIE USING SMART DEVICES
[54] EMETTEUR-RECEPTEUR PORTATIF VOIX-TEXTE-VIDEO CENTRALISE ET A FILE D'ATTENTE EMPLOYANT DES DISPOSITIFS INTELIGENTS
[72] AKEL, HATEM, CA
[72] HOUSSARI, ADEL, CA
[71] AKEL, HATEM, CA
[71] HOUSSARI, ADEL, CA
[22] 2017-04-25
[41] 2017-10-06

[21] 2,969,681
[13] A1
[51] Int.Cl. H02B 1/56 (2006.01)
[25] EN
[54] SWITCHGEAR EXHAUST ASSEMBLY
[54] MECANISME D'ECHAPPEMENT D'APPAREILLAGE DE CONNEXION
[72] BOILY, HUGO, CA
[71] AUTOMATISATION GRIMARD INC., CA
[22] 2017-06-06
[41] 2017-10-02

[21] 2,971,501
[13] A1
[51] Int.Cl. E21C 41/26 (2006.01) E21C 41/24 (2006.01)
[25] EN
[54] OPERATING SYSTEM CALCULATION METHOD FOR MINING
[54] METHODE DE CALCUL DE SYSTEME D'EXPLOITATION DESTINEE A L'EXPLOITATION MINIERE
[72] CUSITAR, WAYNE S., CA
[71] CUSITAR, WAYNE S., CA
[22] 2017-06-22
[41] 2017-10-06

[21] 2,972,178
[13] A1
[51] Int.Cl. G06F 9/455 (2006.01) G06F 17/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR EMULATING RESOURCES USING ABSTRACT CONTAINERIZATION WITH ABSTRACT CATEGORIZATION AND POLICY SETTING
[54] SYSTEMES ET METHODES D'EMULATION DE RESSOURCES AU MOYEN DE CONTENEURISATION ABSTRAITE A CATEGORISATION ABSTRAITE ET ETABLISSEMENT DE POLITIQUE
[72] BOOKMAN, PETER G., US
[72] COWEN, BRANDON, CA
[72] MORELLI, GIOVANNI, CA
[71] SPHERE 3D INC., CA
[22] 2017-06-29
[41] 2017-10-05
[30] US (62/356,157) 2016-06-29

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[13] A1
[51] Int.Cl. B60N 2/48 (2006.01)
[25] EN
[54] HEADRESTUR
[54] HEADRESTUR
[72] UNKNOWN, ZZ
[71] MELANSON, DONALD, CA
[22] 2017-07-11
[41] 2017-10-04

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[13] A1
[51] **Int.Cl. A61K 6/02 (2006.01)**
[25] EN
[54] **LIQUID SEALING COMPOUND AND USE THEREOF IN ENDODONTIC PROCEDURES**
[54] **COMPOSE D'ETANCHEISATION LIQUIDE ET UTILISATION DUDIT COMPOSE DANS LES INTERVENTIONS ENDODONTIQUES**
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[72] DE-DEUS, GUSTAVO, BR
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[72] RIBEZZO, MARCO, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **UTILISATION DE REVETEMENTS A BASE DE DISPERSIONS AQUEUSES DE POLYMERE A STRUCTURE COEUR/ECORCE POUR LE CAPTAGE DE COMPOSES ORGANIQUES VOLATILS COMME LES ALDEHYDES**
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[72] KNOCKE, ETHAN, US
[72] RADICH, ROSEMARY YEILDING, US
[71] LOCATOR IP, L.P., US
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[54] **A METHOD FOR PRODUCING INTERPENETRATING POLYMER NETWORK MATERIAL, A PRODUCT THEREOF AND USE OF THE PRODUCT**
[54] **PROCEDE DE PRODUCTION DE MATERIAU A RESEAUX POLYMERES INTERPENETRES, PRODUIT ASSOCIE ET UTILISATION DUDIT PRODUIT**
[72] CARCELLER, ROSA, FI
[72] LUNDIN, TOM, FI
[72] HIETANIEMI, MATTI, FI
[71] KEMIRA OYJ, FI
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[54] **METHOD FOR MANUFACTURING A FIBROUS PREFORM FILLED WITH REFRACTIVE CERAMIC PARTICLES**
[54] **PROCEDE DE FABRICATION D'UNE PREFORME FIBREUSE CHARGEE DE PARTICULES CERAMIQUES REFRACTAIRES**
[72] DROZ, NICOLAS, FR
[72] LIAIS, LUDOVIC, FR
[72] PODGORSKI, MICHAEL, FR
[72] BILLOTTE CABRE, CATHERINE, CA
[72] RUIZ, EDU, CA
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[54] **CATALYSEURS POUR AUTOMOBILE AVEC DU PALLADIUM SOUTENU DANS UNE COUCHE SANS ALUMINE**
[72] KARPOV, ANDREY, DE
[72] DEEBA, MICHEL, US
[72] TITLBACH, SVEN, DE
[72] SUNDERMANN, ANDREAS, DE
[72] SCHUNK, STEPHAN ANDREAS, DE
[71] BASF CORPORATION, US
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[54] **SAC D'AFFICHAGE A USAGE UNIQUE**
[72] SINGLES, MICHAEL, US
[72] SAVAGE, JUSTIN, US
[71] KELLOGG COMPANY, US
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[54] **DISPOSITIF ANTI-MULTIPACTOR**
[72] MONTERO HERRERO, ISABEL, ES
[72] AGUILERA MAESTRO, LYDYA SABINA, ES
[72] RABOSO GARCIA-BAQUERO, DAVID, ES
[72] WOCHNER, ULRICH, DE
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] EUROPEAN SPACE AGENCY (ESA), FR
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[54] **COVERING AND METHOD FOR PRODUCING COVERINGS**
[54] **REVETEMENT ET PROCEDE DE PRODUCTION DE REVETEMENTS**
[72] FEYS, JONAS GUIDO, BE
[72] LOMBAERT, POL, BE
[72] BEVERNAGE, LEO MARIE RICHARD, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
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[54] **ADSORBANTS REGENERABLES A BASE D'AMINES MODIFIEES SUR DES SUPPORTS SOLIDES**
[72] GOEPPERT, ALAIN, US
[72] ZHANG, HANG, US
[72] PRAKASH, G.K. SURYA, US
[72] OLAH, GEORGE A. (DECEASED), US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **BARRIERE DE LUMIERE VISIBLE POUR EMBALLAGE DE PRODUIT LAITIER**
[72] WILMERS, KIMBERLY ANN, US
[72] GEISER, VALERIE, CH
[71] NESTEC S.A., CH
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[54] **ADAPTATEUR POUR MONTER UN MODULE DE PROTECTION A LA TERRE**
[72] DURAN, CHRISTIAN SHANE, US
[72] KEENUM, JOHN AUSTIN, US
[72] TENHOLDER, RODGER ALAN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **APPARATUS AND METHOD OF MANUFACTURE OF INTRAOCULAR LENSES**
[54] **APPAREIL ET METHODE DE FABRICATION DE LENTILLES INTRAOCULAIRES**
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[72] LEWELLEN, KEVIN M., US
[71] NOVARTIS AG, CH
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[54] **CARACTERISTIQUE D'INTEGRITE D'EMBALLAGE AMELIOREE POUR EMBALLAGES REFERMABLES**
[72] GAGNE, JOSEPH DONALD, US
[72] SMITH, EUGENE TIRRELL, US
[71] SONOCO DEVELOPMENT, INC., US
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[54] **MEMBRANE ETANCHE A L'EAU**
[72] STACHNIK, MIECZYSLAW MICHEL, LU
[72] GARCIA, RAUL FERNANDEZ, ES
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **OIL, GREASE, AND MOISTURE RESISTANT PAPERBOARD**
[54] **CARTON RESISTANT A L'HUILE, AUX GRAISSES ET A L'HUMIDITE**
[72] PANG, JIEBIN, US
[72] GANDIA, NATASHA, US
[72] GIUSTE, SERGIO A., US
[71] WESTROCK MWV, LLC, US
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[54] **COUVERCLE PROTECTEUR POUR RECIPIENTS**
[72] GONZALEZ SANCHEZ, JOSE FRANCISCO, ES
[71] GONZALEZ SANCHEZ, JOSE FRANCISCO, ES
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[54] **PROSTHETIC VALVE WITH AXIALLY-SLIDING FRAMES**
[54] **VALVE PROTHETIQUE AVEC CADRES COULISSANT AXIALEMENT**
[72] HARITON, ILIA, IL
[72] HARARI, BOAZ, IL
[71] MITRALTECH LTD., IL
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|54| **NANO-SIZED FUNCTIONAL BINDER**
|54| **LIANT FONCTIONNEL DE DIMENSION NANOMETRIQUE**
|72| GRAMICCIONI, GARY A., US
|72| MOHANAN, JAYA L., US
|72| HOCHMUTH, JOHN K., US
|72| BROWN, KENNETH R., US
|72| JONES, BRIAN TODD, US
|71| BASF CORPORATION, US
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|54| **IMMOVABLE PET BOWL AND A METHOD OF FABRICATING THEREOF**
|54| **BOL IMMOBILE DESTINE A UN ANIMAL DE COMPAGNIE ET METHODE DE FABRICATION ASSOCIEE**
|72| PADIA, ASHISH, IN
|71| PADIA, ASHISH, IN
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|54| **ABSORBENT PANT WITH ADVANTAGEOUSLY-CHANNELED ABSORBENT CORE STRUCTURE AND BULGE-REDUCING FEATURES**
|54| **CULOTTE ABSORBANTE AVEC STRUCTURE CENTRALE ABSORBANTE A CANAUX AVANTAGEUX ET ELEMENTS DE REDUCTION DE GONFLEMENT**
|72| NISHIKAWA, MASAHARU, US
|72| LAVON, GARY DEAN, US
|71| THE PROCTER & GAMBLE COMPANY, US
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|54| **INTEGRATED COLLECTION OF INFECTIOUS WASTE AND DISPOSAL THEREOF**
|54| **COLLECTE INTEGREE DE DECHETS INFECTIEUX ET ELIMINATION DE CEUX-CI**
|72| MILLER, LANDON C.G., US
|72| BEHRENS, SCOTT, US
|71| AEMERGE LLC, US
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|54| **PROCESS TO PRODUCE HYGIENICALLY CLEAN TEXTILE**
|54| **PROCEDE POUR OBTENIR UN TEXTILE HYGIENIQUEMENT PROPRE**
|72| COGGESHALL, RYAN, US
|72| STEIN, ADAM, US
|71| WASHING SYSTEMS, LLC, US
|85| 2017-07-14
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|54| **TISSUE ENDOPROSTHESIS AND METHOD FOR THE PRODUCTION THEREOF**
|54| **ENDOPROTHESE TISSULAIRE ET PROCEDE POUR SA REALISATION**
|72| CAPEL, ANTOINE, FR
|72| DUCROS, CLEMENT, FR
|72| POULETTY, PHILIPPE, FR
|72| CADUDAL, JEAN-CLAUDE, FR
|71| CARMAT, FR
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[54] **SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE AND ASSOCIATED METHODS**
[54] **COMPOSITIONS DE CIMENT A PRISE RETARDEE COMPRENANT DE LA PIERRE PONCE ET PROCEDES ASSOCIES**
[72] PISKLAK, THOMAS, US
[72] AGAPIOU, KYRIACOS, US
[72] MORGAN, RONNIE GLEN, US
[72] LEWIS, SAMUEL JASON, US
[72] BROTHERS, LANCE E., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CLEANING DEVICE AND METHOD FOR FLUID TRANSFER CONNECTOR**
[54] **DISPOSITIF ET PROCEDE DE NETTOYAGE POUR RACCORD DE TRANSFERT DE FLUIDE**
[72] DAVIS, BENJAMIN M., US
[72] INGRAM, AARON N., US
[71] NEOMED, INC., US
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[54] **TISSUE MATRICES WITH CONTROLLED POROSITY OR MECHANICAL PROPERTIES**
[54] **MATRICES TISSULAIRES A POROSITE CONTROLEE OU AYANT DES PROPRIETES MECANIQUES CONTROLEES**
[72] JESSOP, ISRAEL, US
[72] SHAH, MRINAL, US
[72] LEAMY, PATRICK, US
[71] LIFECELL CORPORATION, US
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[54] **PROCEDES DE REDUCTION DE LA TENEUR EN GEL DES POLYOLEFINES**
[72] ABE, DAUDI A., US
[72] LOCKLEAR, BRANDON C., US
[72] CHU, YUET MENG, US
[72] VEARIEL, T.R., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **ARTICLE MAGNETIQUE RESISTANT A LA CORROSION**
[72] LEUNG, CHUN MAN ALAN, US
[72] BERTRAND, WILLIAM JEFFREY, US
[72] AMERY, DREW POWELL, US
[72] SPECKMAN, LORI C., US
[72] SIEROCUK, THOMAS J., US
[71] MEDTRONIC XOMED, INC., US
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[51] **Int.Cl. H04W 28/04 (2009.01) H04L 1/18 (2006.01)**
[25] EN
[54] **A NETWORK NODE, A WIRELESS DEVICE AND METHODS THEREIN FOR HANDLING AUTOMATIC REPEAT REQUESTS (ARQ) FEEDBACK INFORMATION**
[54] **NŒUD DE RESEAU, DISPOSITIF SANS FIL ET PROCEDES CORRESPONDANTS POUR GERER DES INFORMATIONS DE RETROACTION DE DEMANDE AUTOMATIQUE DE REPETITION (ARQ)**
[72] BERGSTROM, ANDREAS, SE
[72] FURUSKOG, JOHAN, SE
[72] ANDERSSON, HAKAN, SE
[72] ZHANG, QIANG, SE
[72] WIBERG, NICLAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **MATTRESS MANUFACTURING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE MATELAS**
[72] SUBHEDAR, VINIT V., US
[72] FOWLER, GREGORY, US
[72] JAN, FRANCIS, US
[71] DREAMWELL, LTD., US
[85] 2017-07-20
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[54] **LOGICAL ROUTER WITH MULTIPLE ROUTING COMPONENTS**
[54] **ROUTEUR LOGIQUE COMPRENANT DE MULTIPLES COMPOSANTS DE ROUTAGE**
[72] ZHANG, RONGHUA, US
[72] CHANDRASHEKHAR, GANESAN, US
[72] RAVINOOTHALA, SREERAM, US
[72] FAN, KAI-WEI, US
[71] NICIRA, INC., US
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[30] US (62/110,061) 2015-01-30
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[25] EN
[54] **MAP-LIKE SUMMARY VISUALIZATION OF STREET-LEVEL DISTANCE DATA AND PANORAMA DATA**
[54] **VISUALISATION SEMBLABLE A UNE CARTE DE RESUME DE DONNEES DE DISTANCE AU NIVEAU DES RUES ET DE DONNEES DE PANORAMA**
[72] PYLVAENAEINEN, TIMO, US
[72] KORAH, THOMMEN, US
[72] BERCLAZ, JEROME, US
[72] NAM, MYRA, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **BARREL FOR CO2-CONTAINING DRINKS AND USE THEREOF**
[54] **FUT POUR BOISSONS CONTENANT DU CO2 ET UTILISATION DUDIT FUT**
[72] STANDAERT, GEERT NORBERT R., BE
[72] VANDEBRIEL, IMAR, BE
[71] CARDIFF GROUP, NAAMLOZE VENNOOTSCHAP, BE
[85] 2017-07-21
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[30] BE (2015/5067) 2015-02-10

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[51] **Int.Cl. B01D 29/23 (2006.01) B01D 29/90 (2006.01) B01D 36/00 (2006.01)**
[25] EN
[54] **FILTER ASSEMBLY INCLUDING FLOW CAP**
[54] **ENSEMBLE FILTRE COMPRENANT UN CAPUCHON D'ECOULEMENT**
[72] MORRIS, BRYANT ALAN, US
[72] RIES, JEFFREY R., US
[72] MOREHOUSE III, DARRELL L., US
[72] SUTTON, BRIAN J., US
[71] CATERPILLAR INC., US
[85] 2017-07-21
[86] 2015-12-31 (PCT/US2015/068246)
[87] (WO2016/122824)
[30] US (14/605,533) 2015-01-26

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[13] A1
[51] **Int.Cl. B05C 17/005 (2006.01)**
[25] EN
[54] **NOZZLE FOR SEALANT APPLICATOR HAVING APPLICATION ENHANCING FORMATION**
[54] **BUSE POUR APPLICATEUR DE PRODUIT D'ETANCHEITE AYANT UNE FORMATION AMELIORANT L'APPLICATION**
[72] ULLETT, JAMES M., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2017-07-21
[86] 2016-01-13 (PCT/US2016/013129)
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[30] US (62/107,756) 2015-01-26
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[13] A1
[51] **Int.Cl. H04W 28/08 (2009.01) H04W 52/50 (2009.01)**
[25] EN
[54] **CARRIER AGGREGATION METHOD PERFORMED BY TERMINAL IN WIRELESS COMMUNICATION SYSTEM AND TERMINAL USING SAME METHOD**
[54] **PROCEDE D'AGREGATION DE PORTEUSE MIS EN □UVRE PAR UN TERMINAL DANS UN SYSTEME DE COMMUNICATION SANS FIL ET TERMINAL UTILISANT CE PROCEDE**
[72] LEE, SEUNGMIN, KR
[72] YANG, SUCKCHEL, KR
[72] HWANG, DAESUNG, KR
[72] KIM, SEONWOOK, KR
[71] LG ELECTRONICS INC., KR
[85] 2017-07-21
[86] 2016-01-22 (PCT/KR2016/000749)
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[30] US (62/106,232) 2015-01-22
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[30] US (62/115,161) 2015-02-12

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[51] **Int.Cl. B01D 29/90 (2006.01) B01D 29/23 (2006.01)**
[25] EN
[54] **FLOW CAP AND METHOD FOR DIRECTING A FLUID THROUGH A FILTER**
[54] **BOUCHON DE COUPURE DE FLUX ET PROCEDE POUR L'ENVOI D'UN FLUIDE DANS UN FILTRE**
[72] MORRIS, BRYANT ALAN, US
[72] RIES, JEFFREY R., US
[72] MOREHOUSE III, DARRELL L., US
[72] SUTTON, BRIAN J., US
[71] CATERPILLAR INC., US
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[86] 2015-12-31 (PCT/US2015/068242)
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[51] **Int.Cl. C08F 2/00 (2006.01) C08F 4/00 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROL FOR POLYMERIZING PARTICULATE POLYOLEFIN**
[54] **REGULATION DE TEMPERATURE POUR LA POLYMERISATION DE POLYOLEFINE PARTICULAIRE**
[72] HOTTOVY, JOHN D., US
[72] HENDRICKSON, GREGORY G., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2017-07-21
[86] 2016-01-25 (PCT/US2016/014719)
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[30] US (14/607,720) 2015-01-28

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[25] EN
[54] **INTERNALLY ADJUSTABLE SPRAY ANGLE ROTARY NOZZLE**
[54] **BUSE ROTATIVE A ANGLE DE PULVERISATION AJUSTABLE DE L'INTERIEUR**
[72] ANDERSEN, COLTON, US
[72] WRIGHT, DOUGLAS E., US
[71] STONEAGE, INC., US
[85] 2017-07-21
[86] 2016-02-16 (PCT/US2016/018006)
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[25] FR
[54] **ZEOLITE ADSORBENTS HAVING A HIGH EXTERNAL SURFACE AREA AND USES THEREOF**
[54] **ADSORBANTS ZEOLITHIQUES DE HAUTE SURFACE EXTERNE ET LEURS UTILISATIONS**
[72] LUTZ, CECILE, FR
[72] BOUVIER, LUDIVINE, FR
[72] NICOLAS, SERGE, FR
[72] VITTENET, JULLIAN, FR
[72] SZENDROVICS, SYLVIE, FR
[72] PERSILLON, QUITTERIE, FR
[71] ARKEMA FRANCE, FR
[85] 2017-07-24
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[54] **ZEOLITE ADSORBENTS HAVING A HIGH EXTERNAL SURFACE AREA AND USES THEREOF**
[54] **ADSORBANTS ZEOLITHIQUES DE HAUTE SURFACE EXTERNE ET LEURS UTILISATIONS**
[72] VITTENET, JULLIAN, FR
[72] ORTIZ, GUILLAUME, FR
[72] NICOLAS, SERGE, FR
[72] BOUVIER, LUDIVINE, FR
[72] LUTZ, CECILE, FR
[71] ARKEMA FRANCE, FR
[85] 2017-07-24
[86] 2016-01-29 (PCT/FR2016/050198)
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[30] FR (1550783) 2015-02-02

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[25] EN
[54] **COLLAPSIBLE ALL-TERRAIN COT OR TENT APPARATUS**
[54] **APPAREILLAGE DE TENTE OU DE LIT TOUT-TERRAIN ECRASABLE**
[72] HANSON, ALFRED, US
[71] HANSON, ALFRED, US
[85] 2017-08-15
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[51] **Int.Cl. H04W 24/00 (2009.01) H04W 72/08 (2009.01)**
[25] EN
[54] **MEASUREMENT PROCEDURE UNDER ADAPTIVE FREQUENCY SEPARATION**
[54] **PROCEDURE DE MESURAGE SOUS SEPARATION DE FREQUENCE ADAPTATIVE**
[72] KAZMI, MUHAMMAD, SE
[72] BERGMAN, JOHAN, SE
[72] BOUDREAU, GARY, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-07-24
[86] 2016-02-05 (PCT/IB2016/050612)
[87] (WO2016/125119)
[30] US (62/112,410) 2015-02-05
[30] US (15/015,606) 2016-02-04

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[25] EN
[54] **SYSTEM AND METHOD FOR INTRODUCING FUNCTIONALITY TO AN APPLICATION FOR USE WITH A NETWORK SERVICE**
[54] **SYSTEME ET PROCEDE POUR L'INTRODUCTION DE FONCTIONNALITE DANS UNE APPLICATION POUR UTILISATION AVEC UN SERVICE DE RESEAU**
[72] HOLDEN, PAUL-PHILLIP, US
[72] ROCKMORE, LOGAN, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2017-07-24
[86] 2016-02-03 (PCT/US2016/016437)
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[25] EN
[54] **INTRA-SHOP CONNECTIVITY SYSTEM AND METHOD**
[54] **SYSTEME DE CONNECTIVITE INTRA-ATELIER ET PROCEDE**
[72] BIERIE, WILLIAM K., US
[72] BELL, JEFFREY G., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2017-07-24
[86] 2016-02-11 (PCT/US2016/017624)
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[30] US (62/115,529) 2015-02-12
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[51] **Int.Cl. F24F 13/14 (2006.01) F04D 25/16 (2006.01) F24F 7/007 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **FAN ARRANGEMENT AND RELATED CONTROL CABINET**
[54] **DISPOSITION DE VENTILATEUR ET BOITIER DE COMMANDE ASSOCIE**
[72] KAUN, NORMAN, DE
[71] AREVA NP SAS, FR
[85] 2017-07-25
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[25] EN
[54] **SYNCHRONIZATION SYSTEM FOR A POWER GENERATION UNIT AND METHOD THEREOF**
[54] **SYSTEME DE SYNCHRONISATION D'UN MODULE DE PRODUCTION D'ENERGIE ET METHODE ASSOCIEE**
[72] CATALAN LAGO, PEDRO, ES
[72] OLEA OREGI, ENEKO, ES
[72] CANDELA GARCIA, JOSE IGNACIO, ES
[72] LUNA ALLOZA, ALVARO, ES
[72] ROUZBEHI, KUMARS, ES
[71] INGETEAM POWER TECHNOLOGY, S.A., ES
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[25] EN
[54] **COMPOSITION AND METHOD FOR PRODUCING PRE-IMPREGNATED DECORATIVE BASE PAPER COMPRISING BIOPOLYMER NANOPARTICLES**
[54] **COMPOSITION ET PROCEDE DE PRODUCTION DE PAPIER DE BASE DECORATIF PREIMPREGNE COMPRENANT DES NANOPARTICULES DE BIOPOLYMERE**
[72] PERRIN, CLAUDE, FR
[72] VILLAUME, HELENE, FR
[71] AHLSTROM-MUNKSJO DETTINGEN GMBH, DE
[85] 2017-07-25
[86] 2015-02-04 (PCT/IB2015/050851)
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[51] **Int.Cl. B27L 1/10 (2006.01) B65G 15/00 (2006.01) B65G 37/00 (2006.01) B65G 47/18 (2006.01)**
[25] EN
[54] **BATCH-STYLE BOTTOM-DISCHARGE ROTARY DEBARKER**
[54] **ECORCEUSE TOURNANTE A DECHARGE PAR LE FOND DU TYPE PAR LOTS**
[72] TIAN, JUN, US
[72] YEN, BENJAMIN, US
[71] ACROWOOD CORPORATION, US
[85] 2017-07-24
[86] 2016-01-25 (PCT/US2016/014773)
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[30] US (62/107,965) 2015-01-26
[30] US (62/153,390) 2015-04-27

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[13] A1
[51] **Int.Cl. H04W 24/02 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **AUTOMATIC CONFIGURATION OF A WIRELESS DISTRIBUTION SYSTEM EXTENDED NETWORK**
[54] **CONFIGURATION AUTOMATIQUE D'UN RESEAU ETENDU DE SYSTEME DE DISTRIBUTION SANS FIL**
[72] CHEN, XI, US
[72] ZHANG, MENG, US
[72] NAKANISHI, GREGORY, US
[72] SONG, TAO, US
[72] ZELEZNIKAR, ALAN R., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-07-24
[86] 2016-01-26 (PCT/US2016/014976)
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[30] US (62/107,589) 2015-01-26
[30] US (15/006,692) 2016-01-26

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[13] A1
[51] **Int.Cl. B01D 53/54 (2006.01) B01D 53/02 (2006.01) B01D 53/96 (2006.01) B01J 20/26 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01)**
[25] EN
[54] **SEPARATION OF NITROGEN FROM HYDROCARBON GAS USING PYROLYZED SULFONATED MACROPOROUS ION EXCHANGE RESIN**
[54] **SEPARATION D'AZOTE D'UN GAZ D'HYDROCARBURE A L'AIDE D'UNE RESINE ECHANGEUSE D'IONS MICROPOREUSE SULFONEE PYROLYSEE**
[72] LIU, JUNQIANG, US
[72] HAN, CHIAN, US
[72] GOLTZ, H. ROBERT, US
[72] RODGERS, MATTHEW L., US
[72] MATTEUCCI, SCOTT T., US
[72] KERN, BRANDON J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-07-25
[86] 2016-01-06 (PCT/US2016/012256)
[87] (WO2016/122842)
[30] US (62/108,113) 2015-01-27

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[51] **Int.Cl. H04W 4/10 (2009.01) H04W 4/02 (2009.01) H04W 4/22 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **INTELLIGENT FORMATION AND MANAGEMENT OF DYNAMIC TALK GROUPS**
[54] **FORMATION INTELLIGENTE ET GESTION DE GROUPES DE DISCUSSION DYNAMIQUES**
[72] MAZZARELLA, JOSEPH R., US
[72] WENGROVITZ, MICHAEL S., US
[71] MUTUALINK, INC., US
[85] 2017-07-25
[86] 2016-01-29 (PCT/US2016/015602)
[87] (WO2016/123457)
[30] US (14/609,815) 2015-01-30

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[13] A1
[51] **Int.Cl. H01F 41/02 (2006.01) H01F 7/02 (2006.01) H01F 10/14 (2006.01)**
[25] EN
[54] **PRESERVATION OF STRAIN IN IRON NITRIDE MAGNET**
[54] **CONSERVATION DE CONTRAINTE DANS UN AIMANT EN NITRURE DE FER**
[72] WANG, JIAN-PING, US
[72] JIANG, YANFENG, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-07-25
[86] 2016-01-22 (PCT/US2016/014446)
[87] (WO2016/122971)
[30] US (62/107,733) 2015-01-26

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **CONSOLIDATED MANAGEMENT OF HOME NETWORK ELEMENTS**
[54] **GESTION CONSOLIDEE D'ELEMENTS DE RESEAU DOMESTIQUE**
[72] BUGAJSKI, MAREK, US
[72] MORGOS, MARCIN, PL
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-07-25
[86] 2016-02-01 (PCT/US2016/015966)
[87] (WO2016/123617)
[30] US (62/110,092) 2015-01-30
[30] US (15/012,207) 2016-02-01

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[13] A1
[51] **Int.Cl. H01F 1/20 (2006.01) B22F 1/00 (2006.01)**
[25] EN
[54] **IRON NITRIDE POWDER WITH ANISOTROPIC SHAPE**
[54] **POUDRE DE NITRURE DE FER AVEC FORME ANISOTROPE**
[72] WANG, JIAN-PING, US
[72] JIANG, YANFENG, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-07-25
[86] 2016-01-22 (PCT/US2016/014578)
[87] (WO2016/122987)
[30] US (62/107,748) 2015-01-26

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[51] **Int.Cl. A61L 15/22 (2006.01) A61F 13/84 (2006.01) A61L 15/42 (2006.01)**
[25] EN
[54] **ARTICLES WITH ODOR-CONTROLLING COMPOSITION**
[54] **ARTICLES COMPRENANT UNE COMPOSITION ANTI-ODEURS**
[72] SCHNEIDER, DAVID J., US
[72] KIELY, LAURA G., US
[71] REM BRANDS, INC., US
[85] 2017-07-25
[86] 2016-02-09 (PCT/US2016/017206)
[87] (WO2016/130588)
[30] US (62/113,768) 2015-02-09

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 72/14 (2009.01)**
[25] EN
[54] **CONTROL SIGNALING SUPPORTING MULTI-PRIORITY SCHEDULING**
[54] **SIGNALISATION DE COMMANDE AVEC PRISE EN CHARGE D'ORDONNANCEMENT A MULTIPLES PRIORITES**
[72] LIN, JAMIE MENJAY, US
[72] JIANG, JING, US
[72] JI, TINGFANG, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-07-25
[86] 2016-02-19 (PCT/US2016/018783)
[87] (WO2016/148841)
[30] US (62/133,339) 2015-03-14
[30] US (62/133,391) 2015-03-15
[30] US (62/133,555) 2015-03-16
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[13] A1
[51] **Int.Cl. A61L 15/28 (2006.01)**
[25] EN
[54] **COMPOSITION FOR A WOUND DRESSING**
[54] **COMPOSITION POUR PANSEMENT**
[72] HOGGARTH, ANDREW, GB
[72] HARDY, CRAIG, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
[85] 2017-07-26
[86] 2016-01-27 (PCT/GB2016/050178)
[87] (WO2016/120620)
[30] GB (1501330.3) 2015-01-27

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[13] A1
[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/41 (2011.01) H04N 21/433 (2011.01) H04N 21/6543 (2011.01)**
[25] EN
[54] **PLAYBACK MANIPULATION IN RESPONSE TO NOTIFICATION**
[54] **MANIPULATION DE LECTURE EN REPONSE A UNE NOTIFICATION**
[72] BUGAJSKI, MAREK, US
[72] MORGOS, MARCIN, PL
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-07-25
[86] 2016-02-01 (PCT/US2016/015957)
[87] (WO2016/123611)
[30] US (62/110,128) 2015-01-30
[30] US (15/011,828) 2016-02-01

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[13] A1
[51] **Int.Cl. H04W 28/08 (2009.01)**
[25] EN
[54] **A WIRELESS DEVICE, A RADIO NETWORK NODE, A NETWORK NODE, AND METHODS THEREIN FOR LOAD BALANCING IN A WIRELESS COMMUNICATIONS NETWORK**
[54] **DISPOSITIF SANS FIL, NOEUD DE RESEAU RADIO, NOEUD DE RESEAU, ET PROCEDES MIS EN OEUVRE DANS CEUX-CI POUR L'EQUILIBRAGE DE CHARGE DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] BERGQVIST, JENS, SE
[72] SUNDBERG, MARTEN, SE
[72] LIBERG, OLOF, SE
[72] SCHLIWA-BERTLING, PAUL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-07-26
[86] 2016-01-15 (PCT/SE2016/050020)
[87] (WO2016/126183)
[30] US (62/111,826) 2015-02-04

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[13] A1
[51] **Int.Cl. A61F 2/966 (2013.01)**
[25] EN
[54] **DELIVERY DEVICE AND METHOD OF DELIVERY**
[54] **DISPOSITIF DE DISTRIBUTION ET PROCEDE DE DISTRIBUTION**
[72] EVANS, DOUGLAS, US
[72] LONGO, MICHAEL, US
[72] DOTSEY, MICHAEL, US
[71] INTACT VASCULAR, INC., US
[85] 2017-07-26
[86] 2016-01-29 (PCT/US2016/015793)
[87] (WO2016/123557)
[30] US (62/109,550) 2015-01-29
[30] US (14/746,636) 2015-06-22
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[13] A1
[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/04 (2006.01) E03B 3/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING LIQUID WATER FROM AIR**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'EAU LIQUIDE A PARTIR DE L'AIR**
[72] SWITZER, ELISE, US
[72] FRIESEN, CODY, US
[72] LORZEL, HEATH, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2017-07-26
[86] 2015-11-20 (PCT/US2015/061921)
[87] (WO2016/081863)
[30] US (62/082,335) 2014-11-20
[30] US (62/145,995) 2015-04-10

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[13] A1
[51] **Int.Cl. B65D 33/16 (2006.01) B31B 70/74 (2017.01)**
[25] EN
[54] **PREFORMED BAG MADE OF FLEXIBLE PLASTIC MATERIAL AND METHODS FOR PROVIDING A PREFORMED BAG FROM A FILM MADE OF FLEXIBLE PLASTIC MATERIAL WITH A RIGID FRAME**
[54] **SAC PREFORME EN MATIERE PLASTIQUE FLEXIBLE ET PROCEDES POUR EQUIPER UN SAC PREFORME A PARTIR D'UN FILM EN MATIERE PLASTIQUE FLEXIBLE D'UN CADRE RIGIDE**
[72] VALETTE, ERIC, FR
[71] COVERIS FLEXIBLES FRANCE, FR
[85] 2017-07-27
[86] 2016-01-25 (PCT/FR2016/050140)
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[54] **METHOD, SYSTEM AND COMPUTER PROGRAM FOR LEARNING PHASE OF AN ACOUSTIC OR VIBRATORY ANALYSIS OF A MACHINE**
[54] **PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR POUR PHASE D'APPRENTISSAGE D'UNE ANALYSE ACOUSTIQUE OU VIBRATOIRE D'UNE MACHINE**
[72] BENSE, WILLIAM, FR
[72] BOITEUX, JEAN-MICHEL, FR
[72] DUPONT, AUDREY, FR
[72] GRIFFATON, JULIEN CHRISTIAN PASCAL, FR
[72] LACAILLE, JEROME HENRI NOEL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **HEART VALVE DOCKING DEVICES AND IMPLANTING METHODS**
[54] **DISPOSITIFS D'ACCROCHAGE DE VALVULE CARDIAQUE ET PROCEDES D'IMPLANTATION**
[72] MAIMON, DAVID, US
[72] ALTMAN, HERNAN, IL
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-07-26
[86] 2016-02-11 (PCT/US2016/017571)
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[54] **SYSTEME DE COMMUNICATION**
[72] CHEN, YUHUA, JP
[72] AWAD, YASSIN ADEN, JP
[72] ARNOTT, ROBERT, JP
[71] NEC CORPORATION, JP
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[54] **AN OPTICAL CROSSBAR SWITCH AND SWITCHING LOGIC THAT PROVIDES STABLE, LOW LOSS, FIBER OPTIC PATH PROTECTION**
[54] **COMMUTATEUR CROSSBAR OPTIQUE ET LOGIQUE DE COMMUTATION QUI FOURNIT UNE PROTECTION DE CHEMIN DE FIBRE OPTIQUE STABLE, A FAIBLE PERTE**
[72] MYSORE, SUDHESH, US
[72] PRADZYNSKI, KRZYZTOF, US
[71] ARRIS SOLUTIONS, INC., US
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[86] 2016-02-17 (PCT/US2016/018357)
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[54] **OXIDIZED DEXTRAN**
[54] **DEXTRANE OXYDE**
[72] PAULLIN, JAYME L., US
[72] NAMBIAR, RAKESH, US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
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[54] **SYSTEM AND METHOD FOR A MAN-PORTABLE MOBILE AD-HOC RADIO BASED LINKED EXTENSIBLE NETWORK**
[54] **SYSTEME ET PROCEDE POUR UN RESEAU EXTENSIBLE CABLE RADIO AD HOC MOBILE PORTABLE**
[72] WENGROVITZ, MICHAEL S., US
[72] MAZZARELLA, JOSEPH R., US
[71] MUTUALINK, INC., US
[85] 2017-07-27
[86] 2016-02-04 (PCT/US2016/016583)
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|54| **WIRELESS VIDEO PERFORMANCE SELF-MONITORING AND ALERT SYSTEM**
|54| **SYSTEME DE SURVEILLANCE AUTOMATIQUE DE PERFORMANCE VIDEO SANS FIL ET D'ALERTE**
|72| CHEN, XI, US
|72| MEISSNER, BERNARD J., US
|72| HOBROCK, LANCE M., US
|72| ZELEZNIKAR, ALAN R., US
|72| ZHANG, MENG, US
|71| ARRIS ENTERPRISES LLC, US
|85| 2017-07-27
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|25| EN
|54| **WAVELENGTH SELECTIVE SWITCH WITH INCREASED FREQUENCY SEPARATION TO AVOID CROSSTALK**
|54| **COMMUTATEUR SELECTIF EN LONGUEUR D'ONDE AVEC SEPARATION ACCRUE DES FREQUENCES POUR EVITER LA DIAPHONIE**
|72| WAGENER, JEFFERSON L., US
|71| NISTICA, INC., US
|85| 2017-07-27
|86| 2016-02-09 (PCT/US2016/017203)
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|51| **Int.Cl. H04W 72/04 (2009.01) H04W 48/18 (2009.01)**
|25| EN
|54| **SCHEDULING ENHANCEMENTS FOR CONTENTION-BASED SHARED FREQUENCY SPECTRUM EMPLOYING UPLINK**
|54| **AMELIORATIONS D'ORDONNANCEMENT DE SPECTRE DE FREQUENCE PARTAGEE BASE SUR UN CONFLIT D'ACCES UTILISANT UN ORDONNANCEMENT ENTRE PORTEUSES DE LIAISON MONTANTE**
|72| YERRAMALLI, SRINIVAS, US
|72| LUO, TAO, US
|72| CHEN, WANSHI, US
|71| QUALCOMM INCORPORATED, US
|85| 2017-07-28
|86| 2016-03-10 (PCT/US2016/021817)
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|25| EN
|54| **PLUG CONNECTOR WITH LOCKING DEVICE**
|54| **CONNECTEUR ENFICHABLE COMPRENANT UN DISPOSITIF DE VERROUILLAGE**
|72| BLAKBORN, WILLEM, DE
|72| MUHLFELLNER, HELMUT, DE
|71| ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
|85| 2017-07-31
|86| 2016-01-14 (PCT/EP2016/000064)
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|51| **Int.Cl. H04H 60/07 (2009.01)**
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|54| **SYSTEM AND METHOD FOR INCREASING THROUGHPUT IN DIGITAL RADIO BROADCAST RECEIVER**
|54| **SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LE DEBIT D'UN RECEPTEUR DE RADIODIFFUSION NUMERIQUE**
|72| MILBAR, MAREK, US
|71| IBIQUITY DIGITAL CORPORATION, US
|85| 2017-07-28
|86| 2016-02-02 (PCT/US2016/016122)
|87| (WO2016/126674)
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|51| **Int.Cl. B41J 2/175 (2006.01) G03G 15/06 (2006.01)**
|25| EN
|54| **PRINTING MATERIAL CARTRIDGE**
|54| **CARTOUCHE DE PRODUIT D'IMPRESSION**
|72| JERAN, PAUL, US
|71| HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
|85| 2017-07-28
|86| 2015-04-23 (PCT/US2015/027280)
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|25| FR
|54| **COMPOSITION DE COUCHAGE COMPRENANT DES PROTEINES DE BLE HYDROLYSEES**
|54| **COATING COMPOSITION COMPRISING HYDROLYSED WHEAT PROTEINS**
|72| PERALBA, MAGALIE, FR
|72| RIVOLTA, VITTORIO, IT
|72| FREDERIX, SOFIE, BE
|71| TEREOS STARCH & SWEETENERS BELGIUM, BE
|85| 2017-07-31
|86| 2016-02-23 (PCT/IB2016/050969)
|87| (WO2016/135625)
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|25| EN
|54| **SECURITY PROTOCOLS FOR LOW LATENCY EXECUTION OF PROGRAM CODE**
|54| **PROTOCOLES DE SECURITE POUR EXECUTION A FAIBLE LATENCE DE CODE DE PROGRAMME**
|72| WAGNER, TIMOTHY ALLEN, US
|72| THOMAS, DYLAN CHANDLER, US
|72| NAIR, AJAY, US
|71| AMAZON TECHNOLOGIES, INC., US
|85| 2017-07-31
|86| 2016-02-02 (PCT/US2016/016211)
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|51| **Int.Cl. H05H 1/34 (2006.01) H05H 1/28 (2006.01)**
|25| EN
|54| **NOZZLE FOR A PLASMA ARC TORCH**
|54| **BUSE POUR CHALUMEAU A ARC A PLASMA**
|72| KRINK, VOLKER, DE
|72| LAURISCH, FRANK, DE
|72| GRUNDKE, TIMO, DE
|71| KJELLBERG-STIFTUNG, DE
|85| 2017-08-01
|86| 2016-01-27 (PCT/EP2016/051689)
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|25| EN
|54| **METHOD AND DEVICE FOR FILLING A HYDROGEN TANK**
|54| **PROCEDE ET UN DISPOSITIF DE REMPLISSAGE DE RESERVOIR D'HYDROGENE**
|72| RAVINEL, BAPTISTE, FR
|71| L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
|85| 2017-08-01
|86| 2016-01-28 (PCT/FR2016/050178)
|87| (WO2016/124838)
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|51| **Int.Cl. H04L 12/16 (2006.01) G06Q 50/06 (2012.01) H04L 12/26 (2006.01)**
|25| EN
|54| **METHOD AND SYSTEM FOR MONITORING COMMODITY NETWORKS THROUGH RADIOFREQUENCY SCANNING**
|54| **PROCEDE ET SYSTEME DE SURVEILLANCE DE RESEAUX DE MARCHANDISES PAR BALAYAGE RADIOFREQUENCE**
|72| SPALENKA, JOSEF, US
|72| ALPHENAAR, DEIRDRE, US
|71| GENSCAPE INTANGIBLE HOLDING, INC., US
|85| 2017-08-01
|86| 2016-02-10 (PCT/US2016/017369)
|87| (WO2016/130689)
|30| US (62/114,864) 2015-02-11

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|51| **Int.Cl. H04B 1/401 (2015.01) H04B 1/3827 (2015.01)**
|25| EN
|54| **APPARATUS AND METHOD FOR EXTENDING FEATURE SELECTION IN A COMMUNICATION SYSTEM**
|54| **APPAREIL ET PROCEDE POUR ETENDRE LA SELECTION DE FONCTIONNALITE DANS UN SYSTEME DE COMMUNICATION**
|72| LEY, DAVID J., US
|72| ANTILLA, MARK A., US
|71| MOTOROLA SOLUTIONS, INC., US
|85| 2017-08-01
|86| 2016-02-11 (PCT/US2016/017435)
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|54| **GRINDER**
|54| **BROYEUR**
|72| SONTAG, GLENNON C., US
|71| SONTAG, GLENNON C., US
|85| 2017-08-01
|86| 2016-02-11 (PCT/US2016/017511)
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|25| EN
|54| **ASSEMBLY OF MODULES, MODULE SUPPORT AND MODULE**
|54| **ENSEMBLE DE MODULES, SUPPORT DE MODULE ET MODULE**
|72| RAUBO, ROMAN, US
|72| FURYK, MAREK, US
|71| GENERAL ELECTRIC TECHNOLOGY GMBH, CH
|85| 2017-08-02
|86| 2015-02-09 (PCT/EP2015/052637)
|87| (WO2016/124254)
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[54] **METHODS AND APPARATUSES FOR MAKING CUSTOM ORTHOTICS, INSOLES AND OTHER FOOTWEAR INSERTS**
[54] **PROCEDES ET APPAREILS DESTINES A REALISER DES ORTHESES, DES SEMELLES INTERIEURES ET D'AUTRES INSERTS D'ARTICLES CHAUSSANTS PERSONNALISES**
[72] GOOCH, MATTHEW WARREN, US
[72] MCCOY, BRENT, US
[72] WAKELAND, DAN, US
[71] SUPERFEET WORLDWIDE, INC., US
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[25] EN
[54] **METHOD FOR PREPARING AN AQUEOUS DISPERSION OF A POORLY DISPERSIBLE PLANT PROTEIN**
[54] **PROCEDE DE PREPARATION DE DISPERSION AQUEUSE DE PROTEINE VEGETALE FAIBLEMENT DISPERSIBLE**
[72] ALTING, AART CORNELIS, NL
[72] LUYTEN, JOHANNA MARIA JOZEFA GEORGINA, NL
[72] WESTERBEEK, JOHANNES MARTINUS MARIA, NL
[71] FRIESLANDCAMPINA NEDERLAND B.V., NL
[85] 2017-08-02
[86] 2016-02-08 (PCT/NL2016/050090)
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[30] EP (15154318.8) 2015-02-09

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[51] **Int.Cl. B01D 67/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ROLL-TO-ROLL MEMBRANE MANUFACTURE**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE MEMBRANE ROULEAU-A-ROULEAU**
[72] MARSCHKE, DEAN DAVID, US
[72] RUDIE, BRIAN J., US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **WIRELESS POWER TRANSFER AND COMMUNICATIONS FOR INDUSTRIAL EQUIPMENT**
[54] **TRANSFERT D'ENERGIE ET COMMUNICATIONS SANS FIL POUR UN EQUIPEMENT INDUSTRIEL**
[72] MCKERNAN, PAT S., US
[72] NAGLE, GREGORY A., US
[71] CASCADE CORPORATION, US
[85] 2017-08-02
[86] 2015-10-30 (PCT/US2015/058476)
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[25] EN
[54] **SYSTEM AND METHODS FOR CORRELATING SLEEP DATA TO SECURITY AND/OR AUTOMATION SYSTEM OPERATIONS**
[54] **SYSTEME ET PROCEDES POUR CORRELER DES DONNEES DE SOMMEIL A DES OPERATIONS DE SYSTEME DE SECURITE ET/OU D'AUTOMATISATION**
[72] MAHAR, MATTHEW, US
[72] EYRING, MATTHEW J., US
[72] GORDON-CARROLL, CLINT, US
[72] WARREN, JEREMY B., US
[72] NYE, JAMES ELLIS, US
[72] LYMAN, JEFFERSON, US
[71] VIVINT, INC., US
[85] 2017-08-02
[86] 2016-01-26 (PCT/US2016/014895)
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[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATICALLY MONITORING USER ACTIVITY**
[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE AUTOMATIQUE D'ACTIVITE D'UTILISATEUR**
[72] LIN, RONGBIN LANNY, US
[72] BUNKER, BRANDON, US
[72] DAVIS, AARON, US
[72] LIU, SHIWEI, US
[71] VIVINT, INC., US
[85] 2017-08-02
[86] 2016-01-26 (PCT/US2016/014900)
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[30] US (14/626,774) 2015-02-19

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[54] **COMPOSITIONS AND METHODS FOR SCALE INHIBITION**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION DE TARTRE**
[72] CHARLESWORTH, MARK, AU
[72] KALLI, CHRISTOPHER JOHN, AU
[72] THOMAS, DAVID GLYNN, AU
[72] SHI, WEI, US
[72] GRAHAM, BRENDAN FRANCIS, AU
[72] AMAN, ZACHARY MARK, AU
[72] MAY, ERIC FREEMANTLE, AU
[71] CHEVRON U.S.A. INC., US
[85] 2017-08-02
[86] 2016-01-29 (PCT/US2016/015657)
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[30] US (62/111,312) 2015-02-03

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[25] EN
[54] **TREATMENT OF FACIOSCAPULOHUMERAL DYSTROPHY**
[54] **TRAITEMENT DE LA DYSTROPHIE FACIO-SCAPULO-HUMERALE**
[72] DUMONCEAUX, JULIE, FR
[72] VOIT, THOMAS, GB
[72] MARIOT, VIRGINIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[85] 2017-08-02
[86] 2016-02-08 (PCT/EP2016/052652)
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[25] EN
[54] **METHOD FOR PROCESSING CELLULOSE-CONTAINING BIOMASS**
[54] **PROCEDE DE TRAITEMENT D'UNE BIOMASSE CONTENANT DE LA CELLULOSE**
[72] RITTIG, FRANK, DE
[72] KOCH, STEFAN, DE
[72] KINDLER, ALOIS, DE
[72] KOCH, MICHAEL, DE
[72] LEIFELD, FERDINAND, DE
[72] NAVICKAS, VAIDOTAS, DE
[72] GRUEN, MARKUS, DE
[71] BASF SE, DE
[85] 2017-08-03
[86] 2016-02-18 (PCT/EP2016/053417)
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[51] **Int.Cl. D21C 1/04 (2006.01) C08H 8/00 (2010.01) C08J 11/14 (2006.01) C12P 1/00 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) C13K 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING CELLULOSE-CONTAINING BIOMASS**
[54] **PROCEDE DE TRAITEMENT D'UNE BIOMASSE CONTENANT DE LA CELLULOSE**
[72] RITTIG, FRANK, DE
[72] KOCH, STEFAN, DE
[72] KINDLER, ALOIS, DE
[72] KOCH, MICHAEL, DE
[72] LEIFELD, FERDINAND, DE
[72] NAVICKAS, VAIDOTAS, DE
[72] GRUEN, MARKUS, DE
[71] BASF SE, DE
[85] 2017-08-03
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[30] EP (15156148.7) 2015-02-23

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[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01) C07H 19/20 (2006.01) C12N 9/12 (2006.01) C12N 9/14 (2006.01) C12Q 1/68 (2006.01) C07H 19/10 (2006.01)**
[25] EN
[54] **NOVEL USE**
[54] **NOUVELLE UTILISATION**
[72] CHEN, MICHAEL C., GB
[72] LAZAR, RADU A., GB
[72] HUANG, JIAHAO, GB
[72] MCINROY, GORDON R., GB
[71] NUCLERA NUCLEICS LTD, GB
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[54] **PROCEDE DE MONTAGE D'UN CONNECTEUR COUDE A FICHE**
[72] SINGHAMMER, MARTIN, DE
[72] HOHENADL, FLORIAN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **NANOBODY DIMERS LINKED VIA C-TERMINALLY ENGINEERED CYSTEINS**
[54] **DIMERES NANOBODY LIES PAR L'INTERMEDIAIRE DE CYSTEINES D'INGENIERIE AU NIVEAU DU C-TERMINAL**
[72] BOUTTON, CARLO, BE
[72] JANSSENS, DANIEL, BE
[72] CASTEELS, PETER, BE
[72] SCHOTTE, PETER, BE
[72] DESCAMPS, FRANCIS, BE
[71] ABLYNX N.V., BE
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[54] **AIRCRAFT STARTING AND GENERATING SYSTEM**
[54] **SYSTEME DE DEMARREUR ET DE GENERATEUR POUR AVION**
[72] HUANG, HAO, US
[71] GE AVIATION SYSTEMS LLC, US
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[25] EN
[54] **MODELLING COMPOUND**
[54] **COMPOSE DE MODELAGE**
[72] THURESSON, STAFFAN, SE
[72] MODELL, JONAS, SE
[72] THURESSON, KRISTER, SE
[71] RAMLAT LIMITED, MT
[85] 2017-08-03
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[54] **OPTIMIZED RPE65 PROMOTER AND CODING SEQUENCES**
[54] **PROMOTEUR RPE65 ET SEQUENCES DE CODAGE OPTIMISES**
[72] SMITH, ALEXANDER, GB
[72] ALI, ROBIN, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-08-03
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[54] **MUTANT SMOOTHENED AND METHODS OF USING THE SAME**
[54] **MUTANT SMOOTHENED ET METHODES D'UTILISATION DE CELUI-CI**
[72] DE SAUVAGE, FREDERIC J., US
[72] YAUCH, ROBERT L., US
[72] DIJKGRAAF, GERRIT J.P., US
[72] SHARPE, HAYLEY, US
[72] BASSET-SEGUIN, NICOLE, FR
[71] GENENTECH, INC., US
[71] CURIS, INC., US
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
[71] ASSISTANCE PARIS DIDEROT - PARIS 7, FR
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[25] EN
[54] **FLOATING APPARATUS FOR MEMBRANE BIOFILM REACTOR AND PROCESS FOR WATER TREATMENT**
[54] **APPAREIL FLOTTANT POUR REACTEUR A BIOFILM A MEMBRANE ET PROCEDE POUR LE TRAITEMENT DE L'EAU**
[72] COTE, PIERRE LUCIEN, CA
[72] ADAMS, NICHOLAS WILLIAM H., CA
[72] PEDERSEN, STEVEN KRISTIAN, CA
[72] IRELAND, JOHN DAVID, CA
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-08-03
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|25| EN
|54| **ANTIBODIES TO L-TYPE VOLTAGE GATED CHANNELS AND RELATED METHODS**
|54| **ANTICORPS DIRIGES CONTRE DES CANAUX VOLTAGE-DEPENDANTS DE TYPE L ET PROCEDES ASSOCIES**
|72| CHOI, KYUNG BOK, CA
|72| EYFORD, BRETT ALEXANDER, CA
|72| FENNINGER, FRANZ, CA
|72| GABATHULER, REINHARD, CA
|72| JEFFERIES, WILFRED ARTHUR, CA
|72| MUNRO, LONNA, CA
|72| PFEIFER, CHERYL GURINE, CA
|72| STANWOOD, SHAWNA ROSE, CA
|71| BIOMMUNE TECHNOLOGIES INC., CA
|85| 2017-08-03
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|54| **180 DEGREE HYBRID COUPLER AND DUAL-LINEARLY POLARIZED ANTENNA FEED NETWORK**
|54| **COUPLEUR HYBRIDE A 180 DEGRES ET RESEAU D'ALIMENTATION D'ANTENNE A DOUBLE POLARISATION LINEAIRE**
|72| FASENFEST, KATHLEEN, US
|71| TE CONNECTIVITY CORPORATION, US
|85| 2017-08-03
|86| 2016-02-01 (PCT/US2016/016009)
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|54| **POLYURETHANE BASED SWITCHABLE ADHESIVES**
|54| **ADHESIFS COMMUTABLES A BASE DE POLYURETHANE**
|72| TUNIUS, MATS, SE
|71| LUMINA ADHESIVES AB, SE
|85| 2017-08-04
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|25| EN
|54| **MINIATURIZED OCT PACKAGE AND ASSEMBLY THEREOF**
|54| **BOITIER D'OCT MINIATURISE ET ASSEMBLAGE DE CELUI-CI**
|72| LLORET SOLER, JUAN, ES
|72| SANCHO DURA, JUAN, ES
|72| RUBIO GUIVERNAU, JOSE LUIS, ES
|72| MARGALLO BALBAS, EDUARDO, ES
|72| CIFUENTES, ANDRES, ES
|72| UNGAR, BLAIR, US
|72| ZINOVIEV, KIRILL, ES
|72| LANDLES, WILLIAM KENNEDY, CA
|71| MEDLUMICS, S.L., ES
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|25| EN
|54| **BIOMARKER PANEL FOR THE DETECTION OF CANCER**
|54| **PANEL DE BIOMARQUEURS DESTINE A LA DETECTION DU CANCER**
|72| BURWINKEL, BARBARA, DE
|72| YANG, RONGXI, DE
|72| SCHNEEWEISS, ANDREAS, DE
|71| RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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|25| EN
|54| **A METHOD FOR ENCAPSULATING ADDITIVES INTO SEEDS, BEANS, NUTS, CEREALS AND PSEUDO-CEREALS**
|54| **PROCEDE D'ENCAPSULATION D'ADDITIFS DANS DES GRAINES, DES FEVES, DES NOIX, DES CEREALES ET DES PSEUDO-CEREALES**
|72| WHITEHEAD, IAN, CH
|72| DURAN, ULISES, MX
|72| HOI KI SIN, EMILY, GB
|71| SENSIENT FLAVORS LIMITED, GB
|85| 2017-08-04
|86| 2016-04-12 (PCT/EP2016/058026)
|87| (WO2016/169815)
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|51| **Int.Cl. G05D 1/02 (2006.01)**
|25| EN
|54| **APPARATUS AND METHOD FOR NAVIGATION CONTROL**
|54| **APPAREIL ET PROCEDE POUR COMMANDE DE NAVIGATION**
|72| GUPTA, AKASH, IN
|72| HOELTGEN, WOLFGANG, KURT, DE
|72| KOHLI, SAMAY, IN
|72| KEJRIWAL, GAURAV, IN
|72| CHOUDHARY, SRIJAN, IN
|72| AGRAWAL, TUSHAR, IN
|72| SWARNIK, IN
|71| GUPTA, AKASH, IN
|71| GREY ORANGE PTE. LTD., SG
|85| 2017-08-04
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|87| (WO2016/124999)
|30| AU (2015-900362) 2015-02-05
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|25| EN
|54| **METHODS FOR TARGETED NUCLEIC ACID SEQUENCE COVERAGE**
|54| **PROCEDES POUR LA COUVERTURE CIBLEE DE SEQUENCES D'ACIDES NUCLEIQUES**
|72| SCHNALL-LEVIN, MICHAEL, US
|72| JAROSZ, MIRNA, US
|71| 10X GENOMICS, INC., US
|85| 2017-08-03
|86| 2016-02-24 (PCT/US2016/019382)
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|54| **RAPID SCANNING OF WIDE QUADRUPOLE RF WINDOWS WHILE TOGGLING FRAGMENTATION ENERGY**
|54| **BALAYAGE RAPIDE DE GRANDES FENETRES RF QUADRIPOLAIRES EFFECTUE PENDANT LE BASCULEMENT SIMULTANE DE L'ENERGIE DE FRAGMENTATION**
|72| BLOOMFIELD, NIC G., CA
|71| DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
|85| 2017-08-04
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|25| EN
|54| **PLASTIC MATEIRAL FOR DEVICES TO BE IMPLANTED INTO THE HUMAN BODY OR FOR ARTICULAR SPACERS**
|54| **MATERIAU PLASTIQUE POUR DISPOSITIFS DESTINES A ETRE IMPLANTES DANS LE CORPS HUMAIN OU POUR ESPACEURS ARTICULAIRES**
|72| SOFFIATTI, RENZO, IT
|72| FACCIOLI, GIOVANNI, IT
|71| TECRES S.P.A., IT
|85| 2017-08-04
|86| 2016-02-16 (PCT/IB2016/050818)
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|25| EN
|54| **GLYCOPEPTIDES CONJUGATES AND USES THEREOF**
|54| **CONJUGES DE GLYCOPEPTIDES ET LEURS UTILISATIONS**
|72| HALDAR, JAYANTA, IN
|72| YARLAGADDA, VENKATESWARLU, IN
|71| JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH (JNCASR), IN
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|25| EN
|54| **TRANSMITTING APPARATUS AND RECEIVING APPARATUS AND CONTROLLING METHOD THEREOF**
|54| **APPAREIL EMETTEUR, APPAREIL RECEPTEUR ET LEUR PROCEDE DE COMMANDE**
|72| BAE, JAE-HYEON, KR
|72| OH, YOUNG-HO, KR
|72| HWANG, SUNG-HEE, KR
|71| SAMSUNG ELECTRONICS CO., LTD., KR
|85| 2017-08-04
|86| 2016-02-15 (PCT/KR2016/001500)
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|30| US (62/115,846) 2015-02-13
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[25] EN
[54] **PASSIVE INDOOR OCCUPANCY DETECTION AND LOCATION TRACKING**
[54] **DETECTION DE PRESENCE ET LOCALISATION PASSIVES DANS DES ESPACES INTERIEURS**
[72] FINNERTY, SHAUN, US
[72] PAWLOWSKI, MICHAEL, US
[72] FRIEDENBERGER, JAMES, US
[72] DEVINE, KERRI, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2017-08-04
[86] 2016-01-07 (PCT/US2016/012451)
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[30] US (14/616,370) 2015-02-06

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[25] EN
[54] **CYSTEINE PROTEASE**
[54] **CYSTEINE PROTEASE**
[72] KJELLMAN, CHRISTIAN, SE
[72] JARNUM, SOFIA, SE
[72] NORDAHL, EMMA, SE
[71] HANSA MEDICAL AB, SE
[85] 2017-08-07
[86] 2016-02-12 (PCT/EP2016/053052)
[87] (WO2016/128558)
[30] GB (1502306.2) 2015-02-12

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[13] A1
[51] **Int.Cl. B01D 39/16 (2006.01) B29C 41/08 (2006.01)**
[25] EN
[54] **MELT-BLOWN DEPTH FILTER ELEMENT, METHOD AND MACHINE OF MAKING IT**
[54] **ELEMENT DE FILTRE DE PROFONDEUR OBTENU PAR FUSION-SOUFFLAGE ET SON PROCEDE, ET MACHINE DE FABRICATION**
[72] STIFTER, TRAVIS GERALD, US
[72] AUNE, THOMAS MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-08-04
[86] 2016-04-01 (PCT/US2016/025758)
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[25] EN
[54] **CYSTEINE PROTEASE**
[54] **PROTEASE A CYSTEINE**
[72] KJELLMAN, CHRISTIAN, SE
[72] JARNUM, SOFIA, SE
[72] NORDAHL, EMMA, SE
[71] HANSA MEDICAL AB, SE
[85] 2017-08-07
[86] 2016-02-12 (PCT/EP2016/053054)
[87] (WO2016/128559)
[30] GB (1502305.4) 2015-02-12

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[25] EN
[54] **METHODS FOR CONTROLLING PROTEASE PRODUCTION**
[54] **PROCEDES DE REGULATION DE LA PRODUCTION DE PROTEASES**
[72] PALOHEIMO, MARJA, FI
[72] MAKINEN, SUSANNA, FI
[72] PUNT, PETER, NL
[72] JUNTUNEN, KARI, FI
[72] PURANEN, TERHI, FI
[72] VEHMAANPERA, JARI, FI
[71] ROAL OY, FI
[85] 2017-08-08
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[87] (WO2016/132021)
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[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/107 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **CLOSED-LOOP LASER EYE SURGERY TREATMENT**
[54] **TRAITEMENT DE CHIRURGIE OCULAIRE AU LASER EN BOUCLE FERMEE**
[72] WOODLEY, BRUCE R., US
[72] SIMONEAU, MICHAEL J., US
[72] WOO, RAYMOND, US
[72] GONZALEZ, JAVIER G., US
[71] OPTIMEDICA CORPORATION, US
[85] 2017-08-04
[86] 2015-12-14 (PCT/US2015/065639)
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[30] US (62/113,189) 2015-02-06

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|51| **Int.Cl. H04N 21/24 (2011.01) H04N 21/234 (2011.01) H04N 21/437 (2011.01) H04L 12/813 (2013.01)**
|25| EN
|54| **SYSTEM AND METHOD FOR MANAGING BANDWIDTH RESPONSIVE TO THE DUTY CYCLE OF AN ABR CLIENT**
|54| **SYSTEME ET PROCEDE DE GESTION DE BANDE PASSANTE EN REPONSE AU CYCLE DE SERVICE D'UN CLIENT ABR**
|72| PHILLIPS, CHRIS, US
|72| FORSMAN, ROBERT HAMMOND, US
|72| REYNOLDS, JENNIFER ANN, US
|71| ERICSSON AB, SE
|85| 2017-08-07
|86| 2016-02-09 (PCT/IB2016/050669)
|87| (WO2016/128888)
|30| US (14/618,295) 2015-02-10

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|51| **Int.Cl. H04W 28/12 (2009.01) H04W 80/04 (2009.01)**
|25| EN
|54| **LONG TERM EVOLUTION (LTE) COMMUNICATIONS OVER TRUSTED HARDWARE**
|54| **COMMUNICATIONS EN TECHNOLOGIE D'EVOLUTION A LONG TERME (LTE) SUR MATERIEL DE CONFIANCE**
|72| PACZKOWSKI, LYLE WALTER, US
|72| RAJAGOPAL, ARUN, US
|72| MARQUARDT, RONALD R., US
|71| SPRINT COMMUNICATIONS COMPANY L.P., US
|85| 2017-08-07
|86| 2016-02-08 (PCT/US2016/016924)
|87| (WO2016/130447)
|30| US (14/617,498) 2015-02-09

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|13| A1
|51| **Int.Cl. C07K 7/02 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
|25| EN
|54| **LIGAND-CYTOTOXICITY DRUG CONJUGATE, PREPARING METHOD THEREFOR, AND APPLICATION THEREOF**
|54| **CONJUGE LIGAND-MEDICAMENT CYTOTOXIQUE, PROCEDE DE PREPARATION DUDIT CONJUGUE ET APPLICATION DUDIT CONJUGUE**
|72| XU, JIANYAN, CN
|72| ZHANG, YING, CN
|72| QU, BOLEI, CN
|72| ZHANG, FUYAO, CN
|72| YU, XIUZHAO, CN
|72| LIANG, JINDONG, CN
|72| JIANG, GUIYANG, CN
|72| ZHANG, LIANSHAN, CN
|72| LI, ANG, CN
|72| WANG, YALI, CN
|71| JIANGSU HENGRUI MEDICINE CO., LTD., CN
|71| SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
|85| 2017-08-08
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|54| **COATING FOR IMPROVED GRANULAR FERTILIZER EFFICIENCY**
|54| **REVETEMENT POUR UNE MEILLEURE EFFICACITE D'UN ENGRAIS GRANULAIRE**
|72| WHEELER, KORY J., US
|72| YOUNG, ROY M., US
|72| HARMAN, GREGG M., US
|72| HILL, MICHAEL W., US
|71| LAND VIEW, INC., US
|85| 2017-08-08
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|54| **HUMANIZED ANTI-MUC1* ANTIBODIES**
|54| **ANTICORPS ANTI-MUC1* HUMANISES**
|72| BAMDAD, CYNTHIA, US
|72| SMAGGHE, BENOIT, US
|71| MINERVA BIOTECHNOLOGIES CORPORATION, US
|85| 2017-08-08
|86| 2016-02-10 (PCT/US2016/017422)
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|25| EN
|54| **WATER-BASED EXPLOSIVE SUSPENSION**
|54| **SUSPENSION EXPLOSIVE A BASE D'EAU**
|72| QUINTANA ANGULO, JOSE RAMON, ES
|72| CARRANZA VITORES, ARTURO, ES
|71| MAXAMCORP HOLDING, S.L., ES
|85| 2017-08-09
|86| 2016-02-09 (PCT/EP2016/052692)
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|51| **Int.Cl. A22C 25/16 (2006.01) A22C 25/00 (2006.01)**
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|54| **A TRIMMING SYSTEM FOR TRIMMING FISH**
|54| **SYSTEME DE PARAGE POUR PARER DU POISSON**
|72| JAKOBSEN, BJARNE KJELD, DK
|71| MAREL SALMON A/S, DK
|85| 2017-08-09
|86| 2016-02-10 (PCT/EP2016/052801)
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[51] **Int.Cl. H04W 72/12 (2009.01)**
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[54] **SCHEDULE SELECTION AND CONNECTION SETUP BETWEEN DEVICES PARTICIPATING IN A NAN DATA LINK**
[54] **SELECTION DE PROGRAMME ET ETABLISSEMENT DE CONNEXION ENTRE DES DISPOSITIFS PARTICIPANT A UNE LIAISON DE DONNEES DE RESEAU DE PROXIMITE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[72] LEE, SOO BUM, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-08
[86] 2016-03-22 (PCT/US2016/023576)
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[30] US (62/137,125) 2015-03-23
[30] US (62/165,652) 2015-05-22
[30] US (62/181,722) 2015-06-18
[30] US (62/207,874) 2015-08-20
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[30] US (62/261,266) 2015-11-30
[30] US (62/298,398) 2016-02-22
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[54] **ESTABLISHING A SECURE NAN DATA LINK**
[54] **ETABLISSEMENT D'UNE LIAISON DE DONNEES NAN SECURISEE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[72] LEE, SOO BUM, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/298,398) 2016-02-22
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[54] **AMMONIUM NITRATE PRODUCTS AND METHOD FOR PREPARING THE SAME**
[54] **PRODUITS DE NITRATE D'AMMONIUM ET LEUR PROCEDE DE PREPARATION**
[72] ELIZUNDIA ERIZ, UNAI, ES
[72] HASS, MATEUSZ MAREK, FR
[71] MAXAMCORP HOLDING, S.L., ES
[85] 2017-08-09
[86] 2016-02-09 (PCT/EP2016/052738)
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[54] **SHELF-STABLE READY TO DRINK BEVERAGES CONTAINING HYDROLYZED WHOLE GRAIN AND A STABILIZING SYSTEM**
[54] **BOISSONS PRETES A BOIRE DE LONGUE CONSERVATION CONTENANT DES GRAINS ENTIERS HYDROLYSES, ET SYSTEME DE STABILISATION**
[72] PALAG, SOLEDAD, US
[72] PASCUAL, TERESITA BAUTISTA, US
[72] SHER, ALEXANDER, US
[72] KAPCHIE, VIRGINIE, US
[72] FU, JUN-TSE, US
[72] BOEHM, ROBERT THOMAS, US
[71] NESTEC S.A., CH
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[25] EN
[54] **CONTROL OF AERATION IN THE TREATMENT OF WASTEWATER THROUGH THE MONITORING OF NITRIFICATION BY-PRODUCTS**
[54] **REGULATION D'AERATION DANS LE TRAITEMENT D'EAUX RESIDUELLES PAR L'INTERMEDIAIRE DE LA SURVEILLANCE DE SOUS-PRODUITS DE NITRIFICATION**
[72] ARNALDOS ORTS, MARINA, ES
[71] ACCIONA AGUA, S.A., ES
[85] 2017-08-09
[86] 2016-01-28 (PCT/ES2016/070048)
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[54] **DETECTING MASS SPECTROMETRY BASED SIMILARITY VIA CURVE SUBTRACTION**
[54] **DETECTION DE SIMILARITE BASEE SUR LA SPECTROMETRIE DE MASSE PAR LE BIAIS D'UNE SOUSTRACTION DE COURBES**
[72] SHERMAN, JAMES ANDREW, CA
[72] TATE, STEPHEN A., CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2017-08-04
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[25] EN
[54] **DEVICE FOR IMPROVED DETECTION OF IONS IN MASS SPECTROMETRY**
[54] **DISPOSITIF DE DETECTION AMELIOREE D'IONS DE SPECTROMETRIE DE MASSE**
[72] COLLINGS, BRUCE ANDREW, CA
[72] MARTIN, PASCAL, CA
[72] LOCKE, STEPHEN BRUCE, CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2017-08-04
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[54] **GRAPHITE PRODUCTION FROM BIOMASS**
[54] **PRODUCTION DE GRAPHITE A PARTIR DE BIOMASSE**
[72] CONNER, GREGORY THOMAS, NZ
[72] MILLER, IAN JAMES, NZ
[72] GOMEZ, MIREIA MARQUES, NZ
[71] CARBONSCAPE LIMITED, NZ
[85] 2017-08-09
[86] 2016-02-15 (PCT/NZ2016/050016)
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[25] EN
[54] **ENGINEERED IMMUNOGLOBULIN FC POLYPEPTIDES DISPLAYING IMPROVED COMPLEMENT ACTIVATION**
[54] **POLYPEPTIDES AYANT UN DOMAINE FC D'IMMUNOGLOBULINE MODIFIE MANIFESTANT UNE ACTIVATION DU COMPLEMENT AMELIOREE**
[72] GEORGIOU, GEORGE, US
[72] LEE, CHANG-HAN, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 2017-08-09
[86] 2016-02-09 (PCT/US2016/017100)
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[25] EN
[54] **METHODS AND COMPOSITIONS USEFUL IN GENERATING NON CANONICAL CD8+ T CELL RESPONSES**
[54] **PROCEDES ET COMPOSITIONS UTILES DANS LA GENERATION DE REPONSES NON CANONIQUES DE LYMPHOCYTES T CD8+**
[72] FRUEH, KLAUS, US
[72] PICKER, LOUIS, US
[72] HANSEN, SCOTT, US
[72] SACHA, JONAH, US
[72] MALOULI, DANIEL, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[71] FRUEH, KLAUS, US
[71] PICKER, LOUIS, US
[71] HANSEN, SCOTT, US
[71] SACHA, JONAH, US
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[25] EN
[54] **TECHNIQUES FOR IDENTIFYING ERRORS INTRODUCED DURING ENCODING**
[54] **TECHNIQUES D'IDENTIFICATION D'ERREURS INTRODUITES PENDANT UN CODAGE**
[72] AARON, ANNE, US
[72] MA, ZHONGHUA, US
[71] NETFLIX, INC., US
[85] 2017-08-09
[86] 2016-02-10 (PCT/US2016/017376)
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[51] **Int.Cl. D03D 11/00 (2006.01) D03D 15/00 (2006.01)**
[25] FR
[54] **FIBROUS STRUCTURE FOR REINFORCING COMPONENTS MADE OF COMPOSITE MATERIAL WITH A GREAT VARIATION IN THICKNESS**
[54] **STRUCTURE FIBREUSE DE RENFORT DE PIECES EN MATERIAU COMPOSITE A FORTE VARIATION D'EPAISSEUR**
[72] LEFEBVRE, MARIE, FR
[72] COUPE, DOMINIQUE, FR
[72] CHARLEUX, FRANCOIS, FR
[71] SAFRAN CERAMICS, FR
[71] SAFRAN, FR
[85] 2017-08-10
[86] 2016-02-09 (PCT/FR2016/050286)
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[25] EN
[54] **REDUCTION OF THE CONCENTRATION OF GRAM-NEGATIVE BACTERIA IN A FERMENTED FOOD PRODUCT BY THE COMBINATION OF RED WINE EXTRACT AND A CULTURE COMPRISING AT LEAST ONE BACTERIOCIN-PRODUCING LACTIC ACID BACTERIAL STRAIN**
[54] **REDUCTION DE LA CONCENTRATION DE BACTERIES GRAM-NEGATIVES DANS UN PRODUIT ALIMENTAIRE FERMENTE PAR LA COMBINAISON D'EXTRAIT DE VIN ROUGE ET D'UNE CULTURE CONSTITUEE D'AU MOINS UNESOUCHE BACTERIENNE D'ACIDE LACTIQUE PRODUISANT DE LA BACTERIOCINE**
[72] ERKES, MICHAEL, DE
[72] SEIBERT, TIM MARTIN, DK
[71] CHR. HANSEN A/S, DK
[85] 2017-08-10
[86] 2016-02-11 (PCT/EP2016/052899)
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[25] EN
[54] **NOVEL THERMOTOLERANT LACTOBACILLUS**
[54] **NOUVEAU LACTOBACILLUS THERMOTOLERANT**
[72] BUCHHORN, GAELLE LETTIER, DK
[72] VANELL, DINA, DK
[72] SOERENSEN, KIM IB, DK
[72] OEREGAARD, GUNNAR, DK
[72] KIBENICH, ANNETTE, DK
[72] STROEMAN, PER, DK
[71] CHR. HANSEN A/S, DK
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[86] 2016-02-22 (PCT/EP2016/053664)
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[30] EP (15156057.0) 2015-02-23

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[51] **Int.Cl. C14C 3/06 (2006.01) C14C 3/04 (2006.01)**
[25] EN
[54] **AN ENVIRONMENTALLY FRIENDLY CHROME-TANNING METHOD**
[54] **PROCEDE DE TANNAGE AU CHROME ECOLOGIQUE**
[72] VAN DER BURGH, STEFAN, NL
[72] ARMENGOL ESTEBAN, JORDI, ES
[71] TAMINCO FINLAND OY, FI
[85] 2017-08-10
[86] 2016-02-18 (PCT/EP2016/053403)
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[54] **PERCEPTIONS IN A HAPTIC SYSTEM**
[54] **PERCEPTIONS DANS UN SYSTEME HAPTIQUE**
[72] LONG, BENJAMIN JOHN OLIVER, GB
[72] CARTER, THOMAS ANDREW, GB
[72] SUBRAMANIAN, SRIRAM, GB
[72] BLENKINSOPP, ROBERT CHARLES, GB
[72] SEAH, SUE ANN, GB
[72] FRIER, WILLIAM THIERRY ALAIN, GB
[71] ULTRAHAPTICS IP LIMITED, GB
[85] 2017-08-10
[86] 2016-02-19 (PCT/GB2016/050421)
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[30] US (62/118,560) 2015-02-20
[30] US (62/193,234) 2015-07-16
[30] US (62/206,393) 2015-08-18
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[54] **ALGORITHM IMPROVEMENTS IN A HAPTIC SYSTEM**
[54] **AMELIORATIONS D'ALGORITHME DANS UN SYSTEME HAPTIQUE**
[72] LONG, BENJAMIN JOHN OLIVER, GB
[72] CARTER, THOMAS ANDREW, GB
[72] SUBRAMANIAN, SRIRAM, GB
[71] ULTRAHAPTICS IP LIMITED, GB
[85] 2017-08-10
[86] 2016-02-19 (PCT/GB2016/050417)
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[30] US (62/118,543) 2015-02-20
[30] US (62/141,935) 2015-04-02
[30] US (62/193,194) 2015-07-16
[30] US (62/193,125) 2015-07-16
[30] US (62/268,573) 2015-12-17
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[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/58 (2006.01) A61P 9/14 (2006.01)**
[25] EN
[54] **PROTOESCIGENIN DERIVATIVE, PROCESS OF ITS PREPARATION, USE OF SAID COMPOUND AND PHARMACEUTICAL COMPOSITION COMPRISING THAT COMPOUND**
[54] **DERIVE DE PROTOESCIGENINE, SON PROCEDE DE PREPARATION, UTILISATION DUDIT COMPOSE ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
[72] KOZIAK, KATARZYNA, PL
[72] BOJAKOWSKI, KRZYSZTOF, PL
[72] KOWALEWSKA, MAGDALENA, PL
[72] MACIEJKO, DOROTA, PL
[72] ZEGROCKA-STENDEL, OLIWIA, PL
[72] GRABOWSKA, IWONA, PL
[72] GRYNKIEWICZ, GRZEGORZ, PL
[72] GRUZA, MARIUSZ MAREK, PL
[72] JATCZAK, KAMIL, PL
[72] FILIP, KATARZYNA, PL
[72] CMOCH, PIOTR, PL
[72] LASZCZ, MARTA, PL
[71] INSTYTUT FARMACEUTYCZNY, PL
[71] WARSZAWSKI UNIWERSYTET MEDYCZNY, PL
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[51] **Int.Cl. C01B 25/18 (2006.01) C02F 5/08 (2006.01) C02F 5/12 (2006.01)**
[25] EN
[54] **MODIFIED AMINES USEFUL AS SCALE INHIBITORS IN WET PROCESS PHOSPHORIC ACID PRODUCTION**
[54] **AMINES MODIFIEES UTILES COMME INHIBITEURS D'INCRUSTATIONS DANS UNE PRODUCTION D'ACIDE PHOSPHORIQUE PAR VOIE HUMIDE**
[72] KOPRESKI, RYAN, US
[72] ZHANG, LEI, US
[72] CARR, JOHN, US
[72] RYLES, RODERICK, US
[71] CYTEC INDUSTRIES INC., US
[85] 2017-08-10
[86] 2016-02-11 (PCT/US2016/017565)
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[25] EN
[54] **BLENDS OF CHYMOSINS WITH IMPROVED MILK-CLOTTING PROPERTIES**
[54] **MELANGES DE CHYMOSINES AVEC DES PROPRIETES DE CAILLAGE DU LAIT AMELIOREES**
[72] FAIVELEY, MARC, FR
[72] BROCHERET, SYLVAIN, FR
[72] POIGNAND, JEAN-PAUL, FR
[72] DE LAMOTTE, STEPHANE, FR
[72] ROUSTEL, SEBASTIEN, FR
[71] CHR. HANSEN A/S, DK
[85] 2017-08-10
[86] 2016-02-10 (PCT/EP2016/052842)
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[25] EN
[54] **METHOD FOR PRODUCTION OF SOFT CHEESE COMPRISING SIMULTANEOUS ADDITION OF ACIDIFYING BACTERIA AND COAGULANT**
[54] **PROCEDE POUR LA PRODUCTION DE FROMAGE A PATE MOLLE COMPRENANT L'AJOUT SIMULTANE DE BACTERIES ACIDOGENES ET DE COAGULANT**
[72] BROCHERET, SYLVAIN, FR
[72] FAIVELEY, MARC, FR
[72] POIGNAND, JEAN-PAUL, FR
[72] ROUSTEL, SEBASTIEN, FR
[71] CHR. HANSEN A/S, DK
[85] 2017-08-10
[86] 2016-02-10 (PCT/EP2016/052844)
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[25] EN
[54] **INSTANT THICKENED DRY FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES SECHES A EPAISSISSEMENT INSTANTANEES**
[72] CHAWLA, AMRISH, US
[72] ARNEY, GRACE, US
[72] MUELLER, JASON, US
[72] MCKEAGE, DAVID M., US
[71] SOLAE LLC, US
[85] 2017-08-10
[86] 2016-03-16 (PCT/US2016/022547)
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[54] **SOYBEAN U6 SMALL NUCLEAR RNA GENE PROMOTERS AND THEIR USE IN CONSTITUTIVE EXPRESSION OF SMALL RNA GENES IN PLANTS**
[54] **PROMOTEURS DE GENE D'ARN NUCLEAIRE DE PETITE TAILLE U6 DE SOJA ET LEUR UTILISATION DANS L'EXPRESSION CONSTITUTIVE DE GENES D'ARN DE PETITE TAILLE DANS DES PLANTES**
[72] LI, ZHONGSEN, US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
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[54] **CONTROL OF A TRAFFIC SIGNALING SYSTEM AND REMOTE CONTROL OF LIGHT SIGNALING DEVICES SUCH AS TRAFFIC HEADS**
[54] **COMMANDE D'UN SYSTEME DE SIGNALISATION DE CIRCULATION ET COMMANDE A DISTANCE DE DISPOSITIFS DE SIGNALISATION LUMINEUSE TELS QUE DES TETES DE FEU DE SIGNALISATION**
[72] NGUYEN, TRUONG-KHOA, CA
[72] RICHARD, JEAN-FRANCOIS, CA
[72] NESER, MORNE, CA
[72] LANGLAIS, JUSTIN, CA
[72] RANA, SHAHZIL, CA
[71] GE LIGHTING SOLUTIONS, LLC, US
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[54] **SIGNAL BOOSTER FOR A CONTROLLABLE ANTENNA SYSTEM**
[54] **AMPLIFICATEUR DE SIGNAUX POUR SYSTEME D'ANTENNE REGLABLE**
[72] CLARK, JAMES COLIN, US
[72] COOK, PATRICK LEE, US
[72] ASHWORTH, CHRISTOPHER KEN, US
[72] MOUSER, MICHAEL JAMES, US
[72] FARISS, STEPHEN TODD, US
[71] WILSON ELECTRONICS, LLC, US
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[25] EN
[54] **SIMULTANEOUS DETECTION OF OLIGONUCLEOTIDES, A KIT AND A USE RELATED THERETO**
[54] **DETECTION SIMULTANEE D'OLIGONUCLEOTIDES, KIT ET UTILISATION ASSOCIES**
[72] ROEHL, INGO, DE
[72] DOERFLER, NADINE, DE
[72] KNIS, JULIA, DE
[71] AXOLABS GMBH, DE
[85] 2017-08-11
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[54] **VIDEO ENCODER**
[54] **CODEUR VIDEO**
[72] LAMBERT, ROBERT, GB
[72] INNES, GORDON, GB
[72] DIDSBURY, ANDREW, GB
[71] DIGITAL BARRIERS SERVICES LTD, GB
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[54] **SPACER DEVICE FOR TREATING AN INFECTED SEAT INSIDE THE HUMAN BODY**
[54] **DISPOSITIF D'ECARTEMENT POUR TRAITER UN SIEGE INFECTE A L'INTERIEUR DU CORPS HUMAIN**
[72] MAGAGNOLI, AUGUSTO, IT
[71] MAGAGNOLI, AUGUSTO, IT
[85] 2017-08-11
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[54] **METHODS AND APPARATUS FOR REDUCING LATENCY SHIFT IN SWITCHING BETWEEN DISTINCT CONTENT STREAMS**
[54] **PROCEDES ET APPAREIL DE REDUCTION DU DECALAGE DE LATENCE LORS D'UNE COMMUTATION ENTRE DIFFERENTS FLUX DE CONTENU**
[72] KIM, JEONG H., US
[72] ZANE, FRANCIS X., US
[72] JANISEWSKI, THOMAS J., US
[72] SWELDENS, WIM, US
[72] HO, YUNG-LUNG, US
[71] KISWE MOBILE INC., US
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[25] EN
[54] **PROCESS FOR TREATMENT OF WHITE LIQUID EGG**
[54] **PROCEDE DE TRAITEMENT DU BLANC D'OEUF LIQUIDE**
[72] DI CARLO, FRANCESCA, IT
[71] INTEROVO EGG GROUP B.V., NL
[85] 2017-08-11
[86] 2016-02-18 (PCT/IB2016/000158)
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[54] **FUSARIUM TOXIN-CLEAVING POLYPEPTIDE VARIANTS, ADDITIVE CONTAINING THE SAME, AND USE OF THE SAME, AND METHOD FOR CLEAVING FUSARIUM TOXINS**
[54] **VARIANTS POLYPEPTIDIQUES DISSOCIANT DES TOXINES DE FUSARIUM, ADDITIF CONTENANT CES VARIANTS ET UTILISATION DE CET ADDITIF ET DE CES VARIANTS ET PROCEDE POUR LA DISSOCIATION DE TOXINES DE FUSARIUM**
[72] ALESCHKO, MARKUS, AT
[72] KERN, CORINNA, AT
[72] MOLL, DIETER, AT
[72] BINDER, EVA MARIA, AT
[72] SCHATZMAYR, GERD, AT
[71] ERBER AKTIENGESELLSCHAFT, AT
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[25] EN
[54] **ADJUSTABLE LASER SURGERY SYSTEM**
[54] **SYSTEME DE CHIRURGIE AU LASER REGLABLE**
[72] FU, HONG, US
[72] MOORE, BRYANT M., US
[71] AMO DEVELOPMENT, LLC, US
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[25] EN
[54] **METHOD AND APPARATUS FOR ANALOG AND DIGITAL AUDIO BLEND FOR HD RADIO RECEIVERS**
[54] **PROCEDE ET APPAREIL DE MELANGE AUDIO ANALOGIQUE ET NUMERIQUE POUR DES RECEPTEURS RADIO HD**
[72] NEKHAMKIN, MICHAEL, US
[72] DOMAZETOVIC, ANDREJ, RS
[72] YEN, RAYMOND, US
[72] THULASINGAM, SIVAKUMAR, US
[71] IBIQUITY DIGITAL CORPORATION, US
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[54] **COMPOSITIONS AND METHODS FOR MODULATING RNA**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE L'ARN**
[72] OZSOLAK, FATIH, US
[71] TRANSLATE BIO MA, INC., US
[85] 2017-08-11
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[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C40B 30/04 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **A MICRORNA-BASED METHOD FOR EARLY DETECTION OF PROSTATE CANCER IN URINE SAMPLES**
[54] **PROCEDE BASE SUR LES MICROARN POUR LA DETECTION PRECOCE DU CANCER DE LA PROSTATE DANS DES ECHANTILLONS D'URINE**
[72] THOMSEN, RONFELDT ANNI, DK
[72] FREDSOE, JACOB CHRISTIAN, DK
[72] SORENSEN, DALSGAARD KARINA, DK
[72] KONGSBAK, LARS, DK
[72] MOURITZEN, PETER, DK
[72] ORNTOFT, TORBEN, DK
[71] EXIQON A/S, DK
[71] AARHUS UNIVERSITY, DK
[71] REGION MIDTJYLLAND, DK
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[25] EN
[54] **COMPACT HEAD-MOUNTED DISPLAY SYSTEM HAVING UNIFORM IMAGE**
[54] **SYSTEME D'AFFICHAGE COMPACT A PORTER SUR LA TETE, COMPORTANT UNE IMAGE UNIFORME**
[72] AMITAI, YAAKOV, IL
[71] LUMUS LTD., IL
[85] 2017-08-14
[86] 2016-02-10 (PCT/IL2016/050158)
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[51] **Int.Cl. H04B 10/11 (2013.01) H04B 10/2575 (2013.01)**
[25] EN
[54] **FREE-SPACE OPTICAL COMMUNICATIONS SYSTEM**
[54] **SYSTEME DE COMMUNICATIONS OPTIQUES EN ESPACE LIBRE**
[72] WILLIAMS, DONALD VICTOR, AU
[71] INTERVENTION TECHNOLOGY PTY LTD, AU
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[51] **Int.Cl. H04W 76/02 (2009.01) H04W 84/18 (2009.01) A61M 1/14 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **ASSOCIATING DIALYSIS ACCESSORIES USING NEAR FIELD COMMUNICATION**
[54] **ASSOCIATION D'ACCESSOIRES DE DIALYSE A L'AIDE D'UNE COMMUNICATION EN CHAMP PROCHE**
[72] ARRIZZA, JOHN, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2017-08-14
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|25| EN
|54| **HOST CELL PROTEIN MODIFICATION**
|54| **MODIFICATION DE PROTEINES DE CELLULES HOTES**
|72| BURAKOV, DARYA, US
|72| GOREN, MICHAEL, US
|72| CHEN, GANG, US
|71| REGENERON PHARMACEUTICALS, INC., US
|85| 2017-08-14
|86| 2016-02-26 (PCT/US2016/019915)
|87| (WO2016/138467)
|30| US (62/126,213) 2015-02-27
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|51| **Int.Cl. H04W 40/22 (2009.01) H04W 48/16 (2009.01) H04W 88/04 (2009.01)**
|25| EN
|54| **SELECTION OF PROXIMITY SERVICES RELAY**
|54| **SELECTION DE RELAIS DE SERVICES DE PROXIMITE**
|72| ZISIMOPOULOS, HARIS, US
|72| CHENG, HONG, US
|72| BAGHEL, SUDHIR KUMAR, US
|72| VANDERVEEN, MICHAELA, US
|72| PATIL, SHAILESH, US
|72| TAVILDAR, SAURABHA RANGRAO, US
|72| GULATI, KAPIL, US
|72| SADIQ, BILAL, US
|71| QUALCOMM INCORPORATED, US
|85| 2017-08-14
|86| 2016-03-07 (PCT/US2016/021166)
|87| (WO2016/160278)
|30| US (62/139,335) 2015-03-27
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|25| FR
|54| **CROSSLINKED, HYDROPHOBIC ACRYLIC COPOLYMER MADE OF 2-PHENOXY-TETRAETHYLENE-GLYCOL ACRYLATE AND INTENDED FOR INTRAOCULAR LENSES**
|54| **COPOLYMERE ACRYLIQUE, HYDROPHOBE, RETICULE, A BASE DE 2-PHENOXY-TETRAETHYLENE-GLYCOL ACRYLATE, POUR LENTILLES INTRAOCULAIRES**
|72| TERRISSE, JEAN, FR
|71| ACRYLIAN, FR
|85| 2017-08-15
|86| 2015-01-26 (PCT/FR2015/050172)
|87| (WO2015/128555)
|30| FR (1451578) 2014-02-27

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|51| **Int.Cl. C07H 3/06 (2006.01) A23K 20/163 (2016.01) A23L 33/21 (2016.01) C07H 1/00 (2006.01) C07H 3/00 (2006.01) C08B 37/00 (2006.01) A23L 33/125 (2016.01)**
|25| FR
|54| **FIBRE-RICH MALTO-OLIGOSACCHARIDES WITH LOW GLUCOSE BIOAVAILABILITY, METHOD OF PRODUCTION THEREOF AND USES OF SAME IN HUMAN AND ANIMAL NUTRITION**
|54| **MALTO-OLIGO-SACCHARIDES RICHES EN FIBRES ET PRESENTANT UNE FAIBLE BIOSDISPONIBILITE EN GLUCOSE, LEUR PROCEDE DE FABRICATION ET LEURS UTILISATIONS EN NUTRITION HUMAINE ET ANIMALE**
|72| DUFLOT, PIERRICK, FR
|72| ROTURIER, JEAN-MICHEL, FR
|72| BOIT, BAPTISTE, FR
|72| LANOS, PIERRE, FR
|72| JEROSCH, HEIKE, FR
|71| ROQUETTE FRERES, FR
|85| 2017-08-15
|86| 2016-02-16 (PCT/FR2016/050355)
|87| (WO2016/132064)
|30| FR (15 51274) 2015-02-16

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|51| **Int.Cl. H01J 49/06 (2006.01) H01J 49/04 (2006.01) H01J 49/26 (2006.01)**
|25| EN
|54| **RF/DC FILTER TO ENHANCE MASS SPECTROMETER ROBUSTNESS**
|54| **FILTRE RF/CC POUR AMELIORER LA ROBUSTESSE D'UN SPECTROMETRE DE MASSE**
|72| HAGER, JAMES, CA
|71| DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
|85| 2017-08-15
|86| 2016-03-22 (PCT/IB2016/051611)
|87| (WO2016/157032)
|30| US (62/141,466) 2015-04-01

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|51| **Int.Cl. G08B 13/24 (2006.01) G06Q 30/00 (2012.01) G08B 13/14 (2006.01) G08B 15/00 (2006.01)**
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|54| **ANTI-THEFT SYSTEM USED FOR CUSTOMER SERVICE**
|54| **SYSTEME ANTIVOL UTILISE POUR UN SERVICE CLIENT**
|72| PATTERSON, HUBERT A., US
|72| SZKLANY, CRAIG R., US
|71| TYCO FIRE & SECURITY GMBH, CH
|85| 2017-08-15
|86| 2016-01-04 (PCT/US2016/012068)
|87| (WO2016/111937)
|30| US (14/589,417) 2015-01-05

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|51| **Int.Cl. H04L 12/825 (2013.01) H04L 12/841 (2013.01) H04L 12/26 (2006.01)**
|25| EN
|54| **METHOD FOR DYNAMICALLY ADJUSTING PACKET TRANSMISSION TIMING**
|54| **PROCEDE D'AJUSTEMENT DYNAMIQUE DE LA SYNCHRONISATION DE TRANSMISSION DE PAQUETS**
|72| JACOB, JOHN, US
|71| LANDIS+GYR INNOVATIONS, INC., US
|85| 2017-08-15
|86| 2016-02-23 (PCT/US2016/019060)
|87| (WO2016/144527)
|30| US (14/642,034) 2015-03-09

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[51] **Int.Cl. G10K 3/00 (2006.01) G10L 13/00 (2006.01) H04M 11/02 (2006.01)**
[25] EN
[54] **HAND CARRIED ALERTING SOUND GENERATOR DEVICE**
[54] **DISPOSITIF GENERATEUR DE SONS D'AVERTISSEMENT TRANSPORTE A LA MAIN**
[72] WARGON, KENNETH, US
[71] WARGON, KENNETH, US
[85] 2017-08-15
[86] 2016-02-23 (PCT/US2016/019079)
[87] (WO2016/137959)
[30] US (62/119,372) 2015-02-23
[30] US (62/143,272) 2015-04-06
[30] US (62/198,202) 2015-07-29
[30] US (15/050,874) 2016-02-23

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[51] **Int.Cl. H04N 19/57 (2014.01) H04N 19/176 (2014.01) H04N 19/46 (2014.01) H04N 19/513 (2014.01) H04N 19/56 (2014.01)**
[25] EN
[54] **DERIVING MOTION INFORMATION FOR SUB-BLOCKS IN VIDEO CODING**
[54] **DERIVATION D'INFORMATIONS DE MOUVEMENT POUR SOUS-BLOCS EN CODAGE VIDEO**
[72] LI, XIANG, US
[72] CHEN, YING, US
[72] ZHANG, LI, US
[72] LIU, HONGBIN, CN
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-15
[86] 2016-03-25 (PCT/US2016/024323)
[87] (WO2016/160605)
[30] US (62/139,572) 2015-03-27
[30] US (62/182,367) 2015-06-19
[30] US (15/080,480) 2016-03-24

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[25] EN
[54] **DOWNSAMPLING PROCESS FOR LINEAR MODEL PREDICTION MODE**
[54] **PROCEDE DE SOUS-ECHANTILLONNAGE POUR MODE DE PREDICTION DE MODELE LINEAIRE**
[72] ZHANG, LI, US
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-15
[86] 2016-03-18 (PCT/US2016/023157)
[87] (WO2016/154008)
[30] US (62/136,344) 2015-03-20
[30] US (15/073,171) 2016-03-17

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[25] EN
[54] **MOTION VECTOR DERIVATION IN VIDEO CODING**
[54] **DERIVATION DE VECTEUR DE MOUVEMENT DANS UN CODAGE VIDEO**
[72] LI, XIANG, US
[72] CHEN, YING, US
[72] ZHANG, LI, US
[72] LIU, HONGBIN, CN
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-15
[86] 2016-03-25 (PCT/US2016/024332)
[87] (WO2016/160608)
[30] US (62/139,572) 2015-03-27
[30] US (62/182,367) 2015-06-19
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[13] A1
[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/109 (2014.01) H04N 19/13 (2014.01) H04N 19/174 (2014.01) H04N 19/176 (2014.01) H04N 19/182 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01) H04N 19/56 (2014.01) H04N 19/587 (2014.01)**
[25] EN
[54] **MOTION INFORMATION DERIVATION MODE DETERMINATION IN VIDEO CODING**
[54] **DETERMINATION DE MODE DE DERIVATION D'INFORMATIONS DE MOUVEMENT DANS UN CODAGE VIDEO**
[72] LI, XIANG, US
[72] CHEN, YING, US
[72] ZHANG, LI, US
[72] LIU, HONGBIN, CN
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-15
[86] 2016-03-25 (PCT/US2016/024334)
[87] (WO2016/160609)
[30] US (62/139,572) 2015-03-27
[30] US (62/182,367) 2015-06-19
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[54] **PROCESS FOR PACKAGING A DIANHYDROHEXITOL, AQUEOUS SOLUTION OF DIANHYDROHEXITOL PACKAGED AND USES THEREOF**
[54] **PROCEDE DE CONDITIONNEMENT D'UN DIANYDROHEXITOL, SOLUTION AQUEUSE DE DIANHYDROHEXITOL CONDITIONNEE ET SES UTILISATIONS**
[72] IBERT, MATHIAS, FR
[72] WYART, HERVE, FR
[72] JOSIEN, EMILIE, FR
[71] ROQUETTE FRERES, FR
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|54| **GUIDANCE SYSTEM AND AUTOMATIC CONTROL FOR VEHICLES**
|54| **SYSTEME DE GUIDAGE ET DE COMMANDE AUTOMATIQUE POUR VEHICULES**
|72| RICCI, FRANCESCO, IT
|71| RICCI, FRANCESCO, IT
|85| 2017-08-16
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|54| **MICROBIAL CONSORTIA**
|54| **CONSORTIUMS MICROBIENS**
|72| YOON, SUNG-YONG H., US
|72| SWORDS, KATHLEEN, US
|72| WAGNER, D. RY, US
|72| RAJAGOPAL, SELVASUNDARAM, IN
|71| AGRINOS AS, NO
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|54| **NUCLEIC ACID SEQUENCE ASSEMBLY**
|54| **ASSEMBLAGE DE SEQUENCES D'ACIDE NUCLEIQUE**
|72| PUTNAM, NICHOLAS H., US
|72| STITES, JONATHAN C., US
|72| RICE, BRANDON J., US
|71| DOVETAIL GENOMICS LLC, US
|85| 2017-08-16
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|54| **SYSTEMS AND METHODS FOR WIRELESS COMMUNICATION IN FREQUENCY-LIMITED, CLIENT-DENSE ENVIRONMENTS**
|54| **SYSTEMES ET PROCEDES POUR LA COMMUNICATION SANS FIL DANS DES ENVIRONNEMENTS A FORTE DENSITE DE CLIENTS ET LIMITES EN FREQUENCE**
|72| CARSWELL, SAMUEL A., US
|71| SYSTEMS AND SOFTWARE ENTERPRISES, LLC, US
|85| 2017-08-16
|86| 2016-02-01 (PCT/US2016/016020)
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|54| **ANTI-CD20- / ANTI-BAFF BISPECIFIC ANTIBODIES**
|54| **ANTICORPS BISPECIFIQUES ANTI-CD20 / ANTI-BAFF**
|72| ALLAN, BARRETT, US
|72| KIKLY, KRISTINE KAY, US
|72| WITCHER, DERRICK RYAN, US
|71| ELI LILLY AND COMPANY, US
|85| 2017-08-14
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|25| EN
|54| **CABLE JACKET HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES**
|54| **GAINE DE CABLE A MICROSTRUCTURES SUR MESURE ET PROCEDES DE FABRICATION DE GAINES DE CABLES A MICROSTRUCTURES SUR MESURE**
|72| ESSEGHIR, MOHAMED, US
|72| HUANG, WENYI, US
|72| DOOLEY, JOSEPH, US
|72| LEE, CHANG DONG, US
|72| PUJARI, SASWATI, US
|72| KMIEC, CHESTER J., US
|71| DOW GLOBAL TECHNOLOGIES LLC, US
|85| 2017-08-16
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|25| EN
|54| **CELL ENCAPSULATION LOADING DEVICE**
|54| **DISPOSITIF DE CHARGEMENT ET ENCAPSULATION DE CELLULES**
|72| EVANS, STEPHEN, US
|72| BELL, AUDREY, US
|71| JANSSEN BIOTECH, INC., US
|85| 2017-08-16
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[25] EN
[54] **FC MUTANTS WITH MODIFIED FUNCTIONAL ACTIVITY**
[54] **MUTANTS FC A ACTIVITE FONCTIONNELLE MODIFIEE**
[72] MONNET, CELINE, FR
[72] MONDON, PHILIPPE, FR
[72] FONTAYNE, ALEXANDRE, FR
[72] DE ROMEUF, CHRISTOPHE, FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[85] 2017-08-17
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[13] A1
[51] **Int.Cl. H01Q 3/26 (2006.01) H04B 17/27 (2015.01) H04B 7/08 (2006.01)**
[25] EN
[54] **APPARATUS COMPRISING AN ANTENNA ARRAY**
[54] **APPAREIL COMPORTANT UN RESEAU D'ANTENNES**
[72] MAYO, RICHARD HAMMOND, GB
[71] PHASOR SOLUTIONS LIMITED, GB
[85] 2017-08-17
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[87] (WO2015/128632)
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[13] A1
[51] **Int.Cl. H01P 5/08 (2006.01) H01P 3/10 (2006.01) H04B 3/36 (2006.01)**
[25] EN
[54] **GUIDED-WAVE TRANSMISSION DEVICE WITH NON-FUNDAMENTAL MODE PROPAGATION AND METHODS FOR USE THEREWITH**
[54] **DISPOSITIF DE TRANSMISSION A GUIDE D'ONDES A PROPAGATION EN MODE NON FONDAMENTAL ET PROCEDES D'UTILISATION ASSOCIES**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS III, THOMAS M., US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2017-08-17
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[25] FR
[54] **MODULAR SHUTTERING BLOCK**
[54] **BLOC MODULAIRE A BANCHER**
[72] DESJOYAUX, JEAN-LOUIS, FR
[72] PARIN, THIBAULT, FR
[72] SAGE, CELINE, FR
[72] NOIROT, JEAN-BAPTISTE, FR
[72] GUERRY, HERVE, FR
[71] PISCINES DESJOYAUX SA, FR
[85] 2017-08-16
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[25] EN
[54] **MULTI-CHANNEL COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION MULTICANAL**
[72] SHIRAZI, JACK, GB
[72] LAM, TIAGO, GB
[72] NADALIN, ERIC, GB
[72] MOORE, CHRIS, US
[72] SUMAN, SUMIT, US
[71] NEXMO, INC., US
[85] 2017-08-17
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[54] **SYSTEMS AND METHODS FOR ACCESSING CONFERENCE CALLS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ACCEDER A DES CONFERENCES TELEPHONIQUES**
[72] SRINIVASAN, SANJAY, US
[72] POSTERT, TANNER, US
[72] LOW, LARRY, US
[72] CROXFORD, KEITH, US
[72] BAIRD, ADAM, US
[71] VONAGE NETWORK, LLC, US
[85] 2017-08-17
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[30] US (14/641,599) 2015-03-09

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|13| A1
|51| **Int.Cl. C08G 18/44 (2006.01) C08G 18/76 (2006.01) C08J 9/12 (2006.01)**
|25| EN
|54| **USE OF POLYETHER CARBONATE POLYOLS FOR PRODUCTION OF COLOUR-STABLE POLYURETHANE FOAMS**
|54| **UTILISATION DES POLYOLS CARBONATES POLYETHERS POUR LA PRODUCTION DE MOUSSES DE POLYURETHANE A COULEUR STABLE**
|72| BRASSAT, LUTZ, DE
|72| POHLIG, RALF, DE
|72| PIRKL, HANS-GEORG, DE
|71| COVESTRO DEUTSCHLAND AG, DE
|85| 2017-08-25
|86| 2016-02-25 (PCT/EP2016/054014)
|87| (WO2016/135259)
|30| EP (15157034.8) 2015-02-27

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|13| A1
|51| **Int.Cl. H05H 1/36 (2006.01) B23K 10/00 (2006.01)**
|25| EN
|54| **METHOD FOR AVOIDING AN OVERLOAD AT THE TORCH NOZZLE OF A PLASMA TORCH**
|54| **METHODE PERMETTANT D'EVITER UNE SURCHARGE A LA BUSE DE TORCHE D'UNE TORCHE AU PLASMA**
|72| CHENG, NI, CH
|71| OERLIKON METCO AG, WOHLEN, CH
|85| 2017-08-25
|86| 2016-03-08 (PCT/EP2016/054924)
|87| (WO2016/142383)
|30| DE (102015002939.8) 2015-03-10

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|25| EN
|54| **ANTI-AGE COMPOSITION COMPRISING A COMBINATION OF ANTIOXIDANT AGENTS IN ASSOCIATION WITH BIFIDOBACTERIA AND CELL WALLS ISOLATED FROM PROBIOTICS**
|54| **COMPOSITION ANTI-AGE COMPRENANT UNE COMBINAISON D'AGENTS ANTIOXYDANTS EN ASSOCIATION AVEC DES BIFIDOBACTERIES ET DES PAROIS CELLULAIRES ISOLEES A PARTIR DE PROBIOTIQUES**
|72| BIZZINI, BERNARD, CH
|71| BIOIMMUNIZER SAGL, CH
|85| 2017-08-25
|86| 2016-03-09 (PCT/IB2016/000251)
|87| (WO2016/142767)
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|51| **Int.Cl. B32B 5/08 (2006.01) B32B 27/04 (2006.01)**
|25| EN
|54| **LIGHTWEIGHT LAMINATES AND PLATE-CARRIER VESTS AND OTHER ARTICLES OF MANUFACTURE THEREFROM**
|54| **STRATIFIES LEGERS ET GILETS PORTE-PLAQUE ET AUTRES PRODUITS MANUFACTURES ASSOCIES**
|72| DOWNS, ROLAND JOSEPH, US
|72| ADAMS, CHRISTOPHER MICHAEL, US
|72| MCDANIELS, KEITH JOEL, US
|71| DSM IP ASSETS B.V., NL
|85| 2017-08-25
|86| 2016-01-08 (PCT/IB2016/000568)
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|30| US (62/101,911) 2015-01-09

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|51| **Int.Cl. C08G 18/44 (2006.01) C08G 18/76 (2006.01) C08J 9/12 (2006.01)**
|25| EN
|54| **VISCOELASTIC POLYURETHANE SOFT FOAMS BASED ON POLYETHER CARBONATE POLYOLS**
|54| **MOUSSES SOUPLES DE POLYURETHANE VISCOELASTIQUES A BASE DE POLYOLS DE POLYETHERCARBONATE**
|72| KLESCZEWSKI, BERT, DE
|72| RAUWALD, URS, DE
|72| HOFMANN, JORG, DE
|71| COVESTRO DEUTSCHLAND AG, DE
|85| 2017-08-25
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|30| EP (15157033.0) 2015-02-27

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|25| EN
|54| **COMPOSITIONS FOR USE IN THE TREATMENT OF TUMORS RESISTANT TO CHEMOTHERAPY**
|54| **COMPOSITIONS POUR UTILISATION DANS LE TRAITEMENT DE TUMEURS RESISTANT A LA CHIMIOTHERAPIE**
|72| MOGNA, GIOVANNI, IT
|71| PROBIOTICAL S.P.A., IT
|85| 2017-08-25
|86| 2016-03-04 (PCT/IB2016/051216)
|87| (WO2016/139625)
|30| IT (102015902336226) 2015-03-05

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|51| **Int.Cl. C08L 77/00 (2006.01) C08K 7/28 (2006.01) C08K 9/00 (2006.01) C08L 101/08 (2006.01)**
|25| EN
|54| **POLYAMIDE COMPOSITION INCLUDING HOLLOW GLASS MICROSPHERES AND ARTICLES AND METHODS RELATING TO THE SAME**
|54| **COMPOSITION DE POLYAMIDE COMPRENANT DES MICROSPHERES CREUSES DE VERRE ET OBJETS ET PROCEDES ASSOCIES**
|72| YALCIN, BARIS, US
|71| 3M INNOVATIVE PROPERTIES COMPANY, US
|85| 2017-08-25
|86| 2016-02-24 (PCT/US2016/019326)
|87| (WO2016/138113)
|30| US (62/121,991) 2015-02-27

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|25| FR
|54| **ELECTRODES OF LI-ION BATTERIES WITH IMPROVED CONDUCTIVITY**
|54| **ELECTRODES DE BATTERIES LI-ION A CONDUCTIVITE AMELIOREE**
|72| CHAUVEAU, JEROME, FR
|72| SCHMIDT, GREGORY, FR
|72| BIZET, STEPHANE, FR
|71| ARKEMA FRANCE, FR
|85| 2017-08-28
|86| 2016-03-03 (PCT/FR2016/050481)
|87| (WO2016/139426)
|30| FR (1551763) 2015-03-03

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|13| A1
|51| **Int.Cl. A01N 37/46 (2006.01) A01N 63/00 (2006.01) A01N 63/04 (2006.01) A01P 5/00 (2006.01)**
|25| EN
|54| **PESTICIDAL MIXTURE COMPRISING A CARBOXAMIDE COMPOUND AND A BIOPESTICIDE**
|54| **MELANGE PESTICIDE COMPRENANT UN COMPOSE DE CARBOXAMIDE ET UN BIOPESTICIDE**
|72| SIKULJAK, TATJANA, DE
|72| MAZUIR, FLORENT, US
|72| AREVALO, ALEJANDRO, US
|72| MENON, ANIL, US
|71| BASF AGROCHEMICAL PRODUCTS B.V., NL
|85| 2017-08-28
|86| 2016-03-10 (PCT/EP2016/055105)
|87| (WO2016/142456)
|30| US (62/131,291) 2015-03-11
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|25| EN
|54| **ON-LOCATION SAND DELIVERY SYSTEM & CONVEYOR AND PROCESS**
|54| **SYSTEME DE DISTRIBUTION DE SABLE SUR SITE, AINSI QUE CONVOYEUR ET PROCEDE ASSOCIES**
|72| LUCAS, BRYAN CHAPMAN, US
|72| HUNTER, TIMOTHY H., US
|72| STEGEMOELLER, CALVIN L., US
|72| LEWIS, BRYAN JOHN, US
|72| SCHAFFNER, AUSTIN CARL, US
|72| SURJAATMADJA, JIM BASUKI, US
|71| HALLIBURTON ENERGY SERVICES, INC., US
|85| 2017-08-30
|86| 2015-05-07 (PCT/US2015/029733)
|87| (WO2016/178692)

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|13| A1
|51| **Int.Cl. A61B 5/15 (2006.01) A61B 5/153 (2006.01)**
|25| FR
|54| **SAFETY CONNECTOR WITH NEEDLE**
|54| **CONNECTEUR DE SECURITE A AIGUILLE**
|72| ORLU, ALAIN, FR
|71| P2A MEDICAL, FR
|85| 2017-08-31
|86| 2016-03-25 (PCT/IB2016/051707)
|87| (WO2016/151540)
|30| FR (15 52473) 2015-03-25

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|51| **Int.Cl. F21K 9/238 (2016.01) F21K 9/232 (2016.01) F21V 23/00 (2015.01) F21V 25/02 (2006.01) F21V 25/04 (2006.01) F21V 31/00 (2006.01)**
|25| EN
|54| **LED LAMP WITH ENCAPSULATED DRIVER AND SAFETY CIRCUIT**
|54| **LAMPE A DEL AVEC CIRCUITERIE DE SECURITE ET D'ATTAQUE ENCAPSULE**
|72| KNAPP, THOMAS, ALEXANDER, US
|72| KUENZLER, GLENN, HOWARD, US
|72| JANSMA, JON, BENNETT, US
|72| ROBERTS, BRUCE, RICHARD, US
|72| ALLEN, GARY, ROBERT, US
|71| GE LIGHTING SOLUTIONS, LLC, US
|85| 2017-08-31
|86| 2016-03-14 (PCT/US2016/022367)
|87| (WO2016/145450)
|30| US (62/132,460) 2015-03-12

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|13| A1
|51| **Int.Cl. A61B 5/0456 (2006.01) A61B 5/0245 (2006.01) A61B 5/0432 (2006.01) A61B 5/0452 (2006.01) A61B 5/046 (2006.01) A61B 5/044 (2006.01)**
|25| EN
|54| **DISPLAY ARRANGEMENT FOR DIAGNOSIS OF CARDIAC RHYTHM DISORDERS**
|54| **AGENCEMENT D'AFFICHAGE POUR LE DIAGNOSTIC DE TROUBLES DE RYTHME CARDIAQUE**
|72| BARDY, GUST H., US
|72| DREISBACH, EZRA M., US
|71| BARDY DIAGNOSTICS, INC., US
|85| 2017-09-01
|86| 2016-03-11 (PCT/US2016/022154)
|87| (WO2016/145392)
|30| US (62/132,497) 2015-03-12
|30| US (14/997,416) 2016-01-15
|30| US (15/066,883) 2016-03-10

|21| **2,978,705**
|13| A1
|51| **Int.Cl. E21B 47/13 (2012.01) E21B 17/10 (2006.01) H01Q 1/12 (2006.01)**
|25| EN
|54| **STABILIZER WITH FIN-MOUNTED ELECTRODE FOR PROVIDING SIGNALS TO DRILL STRING ANTENNA**
|54| **STABILISATEUR AVEC ELECTRODE MONTEE SUR AILETTE PERMETTANT DE FOURNIR DES SIGNAUX A UNE ANTENNE DE TRAIN DE TIGES DE FORAGE**
|72| CARTER, DANIEL PATRICK, US
|72| MOHON, BRIAN ALLEN, US
|71| HALLIBURTON ENERGY SERVICES, INC., US
|85| 2017-09-05
|86| 2015-04-16 (PCT/US2015/026230)
|87| (WO2016/167781)

|21| **2,978,715**
|13| A1
|51| **Int.Cl. G01D 5/32 (2006.01) G01D 5/26 (2006.01) G01H 9/00 (2006.01) G01V 1/38 (2006.01) G01V 1/52 (2006.01)**
|25| EN
|54| **OPTICAL SENSOR FOR DETECTING A PARAMETER OF INTEREST**
|54| **CAPTEUR OPTIQUE POUR DETECTER UN PARAMETRE D'INTERET**
|72| MOLTENI, DANIELE, GB
|71| SCHLUMBERGER CANADA LIMITED, CA
|85| 2017-09-05
|86| 2016-03-01 (PCT/US2016/020295)
|87| (WO2016/144620)
|30| GB (1503800.3) 2015-03-06

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|51| **Int.Cl. G02B 6/42 (2006.01) G02B 6/36 (2006.01)**
|25| EN
|54| **OPTICAL BENCH SUBASSEMBLY HAVING INTEGRATED PHOTONIC DEVICE**
|54| **SOUS-ENSEMBLE DE BANC OPTIQUE COMPORTANT UN DISPOSITIF PHOTONIQUE INTEGRE**
|72| VALLANCE, ROBERT RYAN, US
|72| LI, SHUHE, US
|71| NANOPRECISION PRODUCTS, INC., US
|85| 2017-09-06
|86| 2016-03-22 (PCT/US2016/023636)
|87| (WO2016/154229)
|30| US (62/136,601) 2015-03-22
|30| US (14/695,008) 2015-04-23
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|25| EN
|54| **DUAL ROTOR TORQUE GENERATING DEVICES, SYSTEMS, AND METHODS**
|54| **DISPOSITIFS, SYSTEMES, ET PROCEDES DE GENERATION DE COUPLE A DOUBLE ROTOR**
|72| JARZOMSKI, MICHAEL, US
|72| DI DECO, LUCA, IT
|71| LORD CORPORATION, US
|85| 2017-09-08
|86| 2016-03-11 (PCT/US2016/022016)
|87| (WO2016/145316)
|30| US (62/132,155) 2015-03-12

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|25| EN
|54| **METHODS AND DEVICES FOR IDENTIFYING TREATMENT SITES**
|54| **PROCEDES ET DISPOSITIFS D'IDENTIFICATION DE SITES DE TRAITEMENT**
|72| NAGALE, SANDRA, US
|72| CLARK, BRYAN, US
|72| HE, DING SHENG, US
|72| SWANSON, LYNNE, US
|72| WERNER, DENNIS, US
|72| HARRAH, TIMOTHY, US
|71| BOSTON SCIENTIFIC SCIMED, INC., US
|85| 2017-09-08
|86| 2016-03-24 (PCT/US2016/023881)
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|25| EN
|54| **FLOW MONITORING TOOL**
|54| **OUTIL DE SURVEILLANCE D'ECOULEMENT**
|72| AL-KHALIFA, MOHAMMED, SA
|72| XIAO, JINJIANG, SA
|71| SAUDI ARABIAN OIL COMPANY, SA
|85| 2017-09-08
|86| 2016-04-08 (PCT/US2016/026788)
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|51| **Int.Cl. G01N 15/04 (2006.01)**
|25| EN
|54| **MUD SETTLEMENT DETECTION TECHNIQUE BY NON-DESTRUCTIVE ULTRASONIC MEASUREMENTS**
|54| **TECHNIQUE DE DETECTION DE DECANTATION DE BOUE AU MOYEN DE MESURES PAR ULTRASONS NON DESTRUCTIVES**
|72| MANDAL, BATAKRISHNA, US
|72| GHOSH, SHUBHAJIT, US
|71| HALLIBURTON ENERGY SERVICES, INC., US
|85| 2017-09-11
|86| 2015-03-16 (PCT/US2015/020753)
|87| (WO2016/148684)

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|51| **Int.Cl. E21B 47/01 (2012.01) E21B 44/00 (2006.01) E21B 47/12 (2012.01)**
|25| EN
|54| **MEASUREMENT-WHILE-DRILLING DEVICE AND METHOD**
|54| **DISPOSITIF ET PROCEDE DE MESURE EN COURS DE FORAGE**
|72| REN, ZHIGUO, CN
|72| FU, XU, CN
|71| GENERAL ELECTRIC COMPANY, US
|85| 2017-09-11
|86| 2016-03-09 (PCT/US2016/021424)
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|30| CN (201510101508.5) 2015-03-09

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|54| **LED LAMP WITH INTERNAL MIRROR**
|54| **LAMPE A DEL A SURFACE MIROIR INTERNE**
|72| KNAPP, THOMAS ALEXANDER, US
|72| JANSMA, JON BENNETT, US
|72| ALLEN, GARY ROBERT, US
|72| KUENZLER, GLENN HOWARD, US
|72| ROBERTS, BRUCE RICHARD, US
|71| GE LIGHTING SOLUTIONS, LLC, US
|85| 2017-09-11
|86| 2016-03-14 (PCT/US2016/022362)
|87| (WO2016/145448)
|30| US (62/132,460) 2015-03-12

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|51| **Int.Cl. A61B 17/16 (2006.01) A61B 17/56 (2006.01) A61B 17/88 (2006.01)**
|25| EN
|54| **SYSTEM FOR ORTHOPEDIC IMPLANTATION PREPARATION**
|54| **SYSTEME DE PREPARATION D'IMPLANTATION ORTHOPEDIQUE**
|72| DEES, ROGER RYAN, US
|72| YEAGER, JEFFREY N., US
|71| SMITH & NEPHEW, INC., US
|85| 2017-09-11
|86| 2016-05-13 (PCT/US2016/032346)
|87| (WO2016/183437)
|30| US (62/161,024) 2015-05-13

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|51| **Int.Cl. A61G 7/012 (2006.01) A47C 19/04 (2006.01) A61G 7/05 (2006.01)**
|25| EN
|54| **HEIGHT-ADJUSTABLE BED**
|54| **LIT REGLABLE EN HAUTEUR**
|72| FELDOTTO, UDO, DE
|71| HERMANN BOCK GMBH, DE
|85| 2017-09-12
|86| 2016-03-04 (PCT/EP2016/054624)
|87| (WO2016/146406)
|30| DE (20 2015 101 357.4) 2015-03-17

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|51| **Int.Cl. H02G 3/22 (2006.01) B60R 16/02 (2006.01) F02C 7/00 (2006.01)**
|25| FR
|54| **ASSEMBLY FOR PASSING AN ELECTRICAL HARNESS INTO A TURBINE ENGINE**
|54| **ENSEMBLE POUR LE PASSAGE D'UN HARNAIS ELECTRIQUE DANS UNE TURBOMACHINE**
|72| KWAKYE, GEORGE, FR
|72| KIEFFER, BENOIT MARIE BERNARD, FR
|72| MATIAS, ANTONIO, FR
|71| SAFRAN AIRCRAFT ENGINES, FR
|85| 2017-09-12
|86| 2016-03-24 (PCT/FR2016/050661)
|87| (WO2016/156706)
|30| FR (1552763) 2015-03-31

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|25| EN
|54| **METHODS OF PURIFYING BISPECIFIC ANTIBODIES**
|54| **PROCEDES DE PURIFICATION D'ANTICORPS BISPECIFIQUES**
|72| FOUQUE, NICOLAS, FR
|72| DEPOISIER, JEAN FRANCOIS, FR
|72| WILSON, KEITH, GB
|72| VAJDA, JUDITH, DE
|72| MULLER, EGBERT, DE
|72| DABRE, ROMAIN, DE
|71| NOVIMMUNE SA, CH
|85| 2017-09-12
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[25] EN
[54] **COMBINED TREATMENT WITH A TLR7 AGONIST AND AN HBV CAPSID ASSEMBLY INHIBITOR**
[54] **TRAITEMENT COMBINE AVEC UN AGONISTE DE TLR7 ET UN INHIBITEUR D'ASSEMBLAGE DE CAPSIDE DU VIRUS DE L'HEPATITE B**
[72] DAI, LUE., CN
[72] GAO, LU, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-09-08
[86] 2016-03-15 (PCT/EP2016/055484)
[87] (WO2016/146598)
[30] CN (PCT/CN2015/074269) 2015-03-16
[30] CN (PCT/CN2015/074854) 2015-03-23
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[30] CN (PCT/CN2016/074012) 2016-02-18

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[51] **Int.Cl. C07K 14/705 (2006.01) C12N 5/0783 (2010.01)**
[25] EN
[54] **METHOD OF DETECTING NEW IMMUNOGENIC T CELL EPITOPES AND ISOLATING NEW ANTIGEN-SPECIFIC T CELL RECEPTORS BY MEANS OF AN MHC CELL LIBRARY**
[54] **PROCEDE DE DETECTION DE NOUVEAUX EPITOPES DE LYMPHOCYTES T IMMUNOGENES ET ISOLEMENT DE NOUVEAUX RECEPTEURS DE LYMPHOCYTES T SPECIFIQUES D'ANTIGENE AU MOYEN D'UNE BANQUE DE CELLULES DU COMPLEXE MAJEUR D'HISTOCOMPATIBILITE (CMH)**
[72] LORENZ, FELIX, DE
[72] UCKERT, WOLFGANG, DE
[72] ELLINGER, CHRISTIAN, DE
[72] SCHENDEL, DOLORES, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
[71] HELMHOLTZ ZENTRUM MUNCHEN DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
[85] 2017-09-12
[86] 2016-03-15 (PCT/EP2016/055518)
[87] (WO2016/146618)
[30] EP (15159212.8) 2015-03-16

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[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/36 (2006.01) A61K 38/37 (2006.01) A61K 48/00 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **OPTIMIZED LIVER-SPECIFIC EXPRESSION SYSTEMS FOR FVIII AND FIX**
[54] **SYSTEMES D'EXPRESSION SPECIFIQUES DU FOIE OPTIMISES POUR FVIII ET FIX**
[72] CHUAH, MARINEE, BE
[72] VANDENDRIESSCHE, THIERRY, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2017-09-12
[86] 2016-03-17 (PCT/EP2016/055825)
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[30] EP (15159395.1) 2015-03-17

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[25] EN
[54] **CYCLOSPORINE FORMULATIONS FOR USE IN THE PREVENTION OR TREATMENT OF PULMONARY CHRONIC GRAFT REJECTION**
[54] **FORMULATIONS DE CYCLOSPORINE DESTINEES A ETRE UTILISEES DANS LA PREVENTION OU LE TRAITEMENT DU REJET CHRONIQUE DE GREFFE PULMONAIRE**
[72] KNOCH, MARTIN, DE
[71] PARI PHARMA GMBH, DE
[85] 2017-09-12
[86] 2016-03-15 (PCT/EP2016/055609)
[87] (WO2016/146645)
[30] EP (15020035.0) 2015-03-16

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[51] **Int.Cl. C07D 491/048 (2006.01) A61K 31/343 (2006.01) A61K 31/423 (2006.01) A61K 31/4355 (2006.01) C07D 491/147 (2006.01)**
[25] EN
[54] **KV1.3 INHIBITORS AND THEIR MEDICAL APPLICATION**
[54] **INHIBITEURS KV1.3 ET APPLICATION MEDICALE CORRESPONDANTE**
[72] TASLER, STEFAN, DE
[72] KRIMMELBEIN, ILGA, DE
[71] 4SC AG, DE
[85] 2017-09-12
[86] 2016-03-14 (PCT/EP2016/055441)
[87] (WO2016/146575)
[30] EP (15159083.3) 2015-03-13

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[51] **Int.Cl. C08L 51/04 (2006.01) C08L 23/08 (2006.01) C08L 23/20 (2006.01) C08L 53/02 (2006.01) F25D 23/06 (2006.01)**
[25] EN
[54] **IMPACT MODIFIED STYRENIC POLYMERS WITH IMPROVED ENVIRONMENTAL STRESS CRACK RESISTANCE PROPERTIES**
[54] **POLYMERES STYRENIQUES A RESISTANCE AU CHOC MODIFIEE AYANT DES PROPRIETES AMELIOREES DE RESISTANCE A LA CRAQUELURE SOUS CONTRAINTE PROLONGEE**
[72] COCHRAN, THOMAS W., US
[72] MORRIS, JOHN A., US
[71] INEOS STYROLUTION GROUP GMBH, DE
[85] 2017-09-12
[86] 2016-03-17 (PCT/EP2016/055775)
[87] (WO2016/146729)
[30] EP (15159727.5) 2015-03-18

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[51] **Int.Cl. C07D 493/04 (2006.01) A61K 31/352 (2006.01) A61K 31/381 (2006.01) A61K 31/424 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **KV1.3 INHIBITORS AND THEIR MEDICAL APPLICATION**
[54] **INHIBITEURS DE KV1.3 ET LEUR APPLICATION MEDICALE**
[72] TASLER, STEFAN, DE
[72] KRIMMELBEIN, ILGA, DE
[72] KRAUS, JURGEN, DE
[72] ZAJA, MIRKO, DE
[71] 4SC AG, DE
[85] 2017-09-12
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[30] EP (15159080.9) 2015-03-13

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/5377 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 401/04 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE DERIVATIVES AS BROMODOMAIN INHIBITORS**
[54] **DERIVES DE BENZIMIDAZOLE COMME INHIBITEURS DES BROMODOMAINES**
[72] BIT, RINO ANTONIO, GB
[72] BROWN, JOHN ALEXANDER, GB
[72] HUMPHREYS, PHILIP G., GB
[72] JONES, KATHERINE LOUISE, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-09-12
[86] 2016-03-17 (PCT/EP2016/055792)
[87] (WO2016/146738)
[30] GB (1504689.9) 2015-03-19

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[13] A1
[51] **Int.Cl. C22C 29/06 (2006.01) B22F 5/00 (2006.01) C22C 29/08 (2006.01) E21B 10/56 (2006.01)**
[25] EN
[54] **A ROCK DRILL BUTTON**
[54] **PICOT DE TREPAN**
[72] NORDGREN, ANDERS, SE
[72] NORGREN, SUSANNE, SE
[72] EKMARKER, ANNA, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-09-12
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[87] (WO2016/151025)
[30] EP (15160962.5) 2015-03-26

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PANCREATIC CANCER AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER DANS L'IMMUNOTHERAPIE DU CANCER DU PANCREAS ET D'AUTRES CANCERS**
[72] WEINSCHENK, TONI, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[72] MAHR, ANDREA, DE
[72] OTT, MARTINA, DE
[72] WAGNER, CLAUDIA, DE
[72] SCHOOR, OLIVER, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2017-09-12
[86] 2016-03-17 (PCT/EP2016/055817)
[87] (WO2016/146751)
[30] GB (1504502.4) 2015-03-17
[30] US (62/134,253) 2015-03-17

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[51] **Int.Cl. F16B 13/06 (2006.01)**
[25] EN
[54] **EXPANSION ANCHOR**
[54] **ELEMENT D'ANCRAGE A EXPANSION**
[72] GSTACH, PETER, LI
[72] WINKLER, BERNHARD, AT
[72] SCHOLZ, PATRICK, CH
[72] SPAMPATTI, MATTEO, CH
[72] SPROEWITZ, MICHAEL, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-09-12
[86] 2016-03-22 (PCT/EP2016/056205)
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[30] EP (15161414.6) 2015-03-27

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[51] **Int.Cl. C21D 8/10 (2006.01) B21B 21/00 (2006.01) B21C 1/22 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **A METHOD OF PRODUCING A TUBE OF A DUPLEX STAINLESS STEEL**
[54] **PROCEDE DE PRODUCTION D'UN TUBE D'UN ACIER INOXYDABLE DUPLEX**
[72] PONSILUOMA, JARI, SE
[72] HINDRUM, MARIA, SE
[72] EIDHAGEN, JOSEFIN, SE
[72] PERSSON, KATARINA, SE
[72] JONES, RUSSELL P., US
[72] LARSSON, ASA, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-09-12
[86] 2016-04-08 (PCT/EP2016/057831)
[87] (WO2016/162525)
[30] EP (15163187.6) 2015-04-10

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[13] A1
[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/119 (2006.01)**
[25] EN
[54] **PERFORATING GUN ASSEMBLY AND METHOD OF FORMING WELLBORE PERFORATIONS**
[54] **ENSEMBLE PERFORATEUR ET PROCEDE DE FORMATION DE PERFORATIONS DE TROU DE FORAGE**
[72] ALLISON, SIMON DOUGLAS EARDLY, GB
[72] LOHKEN, JORN OLAF, DE
[72] MCNELIS, LIAM, DE
[71] DELPHIAN BALLISTICS LIMITED, GB
[85] 2017-09-12
[86] 2015-06-16 (PCT/GB2015/051761)
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[30] GB (1411080.3) 2014-06-20
[30] GB (1411841.8) 2014-07-02

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[13] A1
[51] **Int.Cl. F16D 1/08 (2006.01) E21B 4/02 (2006.01) E21B 17/03 (2006.01) F16D 3/02 (2006.01)**
[25] EN
[54] **COUPLING MECHANISM FOR DRIVESHAFT TRANSMISSION ASSEMBLY**
[54] **MECANISME D'ACCOUPLEMENT POUR ENSEMBLE DE TRANSMISSION D'ARBRE D'ENTRAINEMENT**
[72] PARK, STEVEN W., CA
[72] SAMUEL, GEOFFREY A., CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-12
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[13] A1
[51] **Int.Cl. F16K 5/06 (2006.01) E21B 34/06 (2006.01) F16K 5/08 (2006.01) F16K 5/20 (2006.01)**
[25] EN
[54] **BALL AND SEAT VALVE FOR HIGH TEMPERATURE AND PRESSURE APPLICATIONS**
[54] **SOUPAPE A BILLE ET SIEGE POUR DES APPLICATIONS A HAUTES TEMPERATURE ET PRESSION**
[72] NAPIER, RORY ARCHIBALD, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-12
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[51] **Int.Cl. F16K 41/02 (2006.01) F16C 32/06 (2006.01) F16C 33/72 (2006.01) F16J 15/40 (2006.01) F16K 5/04 (2006.01) F16K 5/08 (2006.01)**
[25] EN
[54] **EXTERNALLY PRESSURIZED POROUS MEDIA GAS BEARING FOR USE IN VALVES AND PREVENTING FUGITIVE EMISSIONS OF THE SAME**
[54] **PALIER A GAZ A MILIEUX POREUX PRESSURISE EXTERIEUREMENT A UTILISER DANS DES VANNES ET POUR EMPECHER DES EMISSIONS FUGITIVES DE CELLES-CI**
[72] DEVITT, ANDREW, US
[72] POLLICK, RICHARD, US
[71] NEW WAY MACHINE COMPONENTS, INC., US
[85] 2017-09-12
[86] 2016-03-14 (PCT/US2016/022347)
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[30] US (62/132,719) 2015-03-13

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[13] A1
[51] **Int.Cl. F16K 3/12 (2006.01) F16K 3/30 (2006.01) F16K 31/50 (2006.01) F16K 41/14 (2006.01)**
[25] EN
[54] **A VALVE**
[54] **VANNE**
[72] FREUDENDAHL, ERLING ARNUM, DK
[71] AVK HOLDING A/S, DK
[85] 2017-09-13
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[87] (WO2016/146124)

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[13] A1
[51] **Int.Cl. C08G 75/14 (2006.01) A61F 2/02 (2006.01) C08F 38/00 (2006.01) C08G 18/00 (2006.01) C08J 3/00 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **RESIN COMPOSITION SUITABLE FOR PRINTING AND PRINTING METHOD UTILIZING THE SAME**
[54] **COMPOSITION DE RESINE APPROPRIEE POUR L'IMPRESSION ET PROCEDE D'IMPRESSION FAISANT APPEL A CELLE-CI**
[72] OESTERREICHER, ANDREAS, AT
[72] GRIESSER, THOMAS, AT
[72] EDLER, MATTHIAS, AT
[72] MOSTEGEL, FLORIAN, AT
[72] GASSNER, MARTINA, AT
[72] ROTH, MEINHART, AT
[72] BILLIANI, JANINE, AT
[71] MONTANUNIVERSITAT LEOBEN, AT
[85] 2017-09-13
[86] 2015-04-14 (PCT/EP2015/058082)
[87] (WO2015/158718)
[30] GB (1406683.1) 2014-04-14

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[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01)**
[25] EN
[54] **A PEPTIDE OR COLLECTION OF PEPTIDES DERIVED FROM AMYLOID PRECURSOR PROTEIN**
[54] **PEPTIDE OU COLLECTION DE PEPTIDES DERIVES DE LA PROTEINE PRECURSEUR DE L'AMYLOIDE**
[72] WILLEM, MICHAEL, DE
[72] HAASS, CHRISTIAN, DE
[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
[71] DEUTSCHES ZENTRUM FUR NEURODEGENERATIVE ERKRANKUNGEN E. V., DE
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[54] **SPRING CARRIER**
[54] **SUPPORT A RESSORT**
[72] BERNERT, JORG, DE
[72] HEINRICHS, EKKEHARD, DE
[72] RADTKE, ARNOLD, DE
[71] LISEGA SE, DE
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[51] **Int.Cl. C12P 7/52 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING PROPIONATE PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PRODUITS DE PROPIONATE**
[72] VISSER, DIANA, NL
[72] MEIJER, JASPER, NL
[72] SOARES MENDES, FILIPA CRISTINA, NL
[71] PURAC BIOCHEM BV, NL
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[87] (WO2016/146721)
[30] EP (15159568.3) 2015-03-18

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[51] **Int.Cl. C07D 307/68 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING FURAN-2,5-DICARBOXYLIC ACID (FDCA) FROM A SOLID SALT**
[54] **PROCEDE DE FABRICATION D'ACIDE FURANE-2,5-DICARBOXYLIQUE (FDCA) A PARTIR D'UN SEL SOLIDE**
[72] VAN KRIEKEN, JAN, NL
[72] DE HAAN, ANDRE BANIER, NL
[71] PURAC BIOCHEM BV, NL
[85] 2017-09-13
[86] 2016-03-17 (PCT/EP2016/055818)
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[51] **Int.Cl. C08G 65/325 (2006.01) C07C 201/02 (2006.01) C07C 203/06 (2006.01) C10L 1/23 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTINUOUS PRODUCTION OF POLYETHYLENE GLYCOL DINITRATE**
[54] **APPAREIL ET PROCEDE DE PRODUCTION CONTINUE DE DINITRATE DE POLYETHYLENE GLYCOL**
[72] JENNINGS, JAMES ROBERT, GB
[72] SHORT, GLYN DAVID, US
[71] AVOCET INFINITE PLC., GB
[85] 2017-09-13
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[51] **Int.Cl. C07D 307/68 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING FURAN-2,5-DICARBOXYLIC ACID (FDCA) FROM A SALT SOLUTION**
[54] **PROCEDE DE PRODUCTION D'ACIDE FURANNE-2,5-DICARBOXYLIQUE (FDCA) A PARTIR D'UNE SOLUTION DE SEL**
[72] VAN KRIEKEN, JAN, NL
[72] DE HAAN, ANDRE BANIER, NL
[71] PURAC BIOCHEM BV, NL
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[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **A VALVE FOR A GAS CYLINDER**
[54] **VALVE POUR BOUTEILLE A GAZ**
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[72] RHODES, ANDY, GB
[72] JACOBSEN, BRIAN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **A VALVE FOR A GAS CYLINDER**
[54] **SOUPAPE POUR BOUTEILLE DE GAZ**
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[72] RHODES, ANDY, GB
[72] JACOBSEN, BRIAN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **OPTICAL SYSTEM FOR SHAPING THE WAVEFRONT OF THE ELECTRIC FIELD OF AN INPUT LIGHT BEAM**
[54] **SYSTEME OPTIQUE PERMETTANT DE METTRE EN FORME LE FRONT D'ONDE DU CHAMP ELECTRIQUE D'UN FAISCEAU LUMINEUX D'ENTREE**
[72] HERNANDEZ-CUBERO, OSCAR, FR
[72] PAPAGIAKOUMOU, EIRINI, FR
[72] VALENTINA, EMILIANI, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[51] **Int.Cl. F17C 13/02 (2006.01)**
[25] EN
[54] **A METHOD OF TRANSMITTING CYLINDER DATA**
[54] **PROCEDE DE TRANSMISSION DE DONNEES DE BOUTEILLE**
[72] COWLES, CHRISTOPHER JOHN, GB
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **DEAMINATION OF ORGANOPHOSPHORUS-NUCLEOSIDES**
[54] **DESAMINATION DE NUCLEOSIDES ORGANOPHOSPHORES**
[72] PEREZ OZCARIZ, SERGIO, ES
[72] PASCUAL GILABERT, MARTA, ES
[72] ALONSO FERNANDEZ, JAVIER, ES
[72] LOPEZ GOMEZ, CRISTINA, ES
[72] FERNANDEZ FERNANDEZ, CARMEN MARIA, ES
[72] CASTELLS BOLIART, JOSEP, ES
[71] INSTITUT UNIV. DE CIENCIA I TECNOLOGIA, S.A., ES
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[25] EN
[54] **NOVEL TREATMENT METHOD**
[54] **NOUVEAU PROCEDE DE TRAITEMENT**
[72] ERICSSON, PETER, SE
[72] HEDBYS, LARS, SE
[72] SALFORD, LEIF, SE
[72] SJOGREN, HANS-OLOV, SE
[71] IDOGEN AB, SE
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[86] 2016-03-18 (PCT/EP2016/056050)
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[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING STEREO SIGNALS FOR REPRODUCTION IN CARS TO ACHIEVE INDIVIDUAL THREE-DIMENSIONAL SOUND BY FRONTAL LOUDSPEAKERS**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAUX STEREO DEVANT ETRE LUS DANS DES VOITURES DE SORTE A OBTENIR UN SON TRIDIMENSIONNEL DELIVRE PAR DES HAUT-PARLEURS FRONTAUX**
[72] HESS, WOLFGANG, DE
[72] HELLMUTH, OLIVER, DE
[72] VARGA, STEFAN, DE
[72] HABETS, EMANUEL, DE
[72] PLOGSTIES, JAN, DE
[72] HERRE, JUERGEN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[51] **Int.Cl. B27N 3/14 (2006.01) E04C 2/16 (2006.01)**
[25] EN
[54] **SCATTERING HEAD, PROCESS AND PANEL**
[54] **TETE D'EPANDAGE, PROCEDE ET PANNEAU**
[72] NIJSSE, JEROEN, NL
[71] MAYFAIR VERMOGENSVERWALTUNGS SE, DE
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[30] DE (10 2015 209 759.5) 2015-05-28

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[51] **Int.Cl. H03F 1/02 (2006.01) H03F 3/217 (2006.01)**
[25] EN
[54] **METHOD OF AMPLIFYING AN INPUT SIGNAL**
[54] **PROCEDE D'AMPLIFICATION D'UN SIGNAL D'ENTREE**
[72] NGUYEN, HUNG-ANH, DE
[72] KEUSGEN, WILHELM, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **ANTENNA PANE**
[54] **VITRE A ANTENNE**
[72] DROSTE, STEFAN, DE
[72] STELLING, BERND, DE
[72] FRANCOIS, GUILLAUME, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[30] EP (15162764.3) 2015-04-08

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[25] EN
[54] **DESIGNED ANKYRIN REPEAT DOMAINS WITH BINDING SPECIFICITY FOR SERUM ALBUMIN**
[54] **DOMAINES DE REPETITION D'ANKYRINE ARTIFICIELS AYANT UNE SPECIFICITE DE LIAISON POUR L'ALBUMINE SERIQUE**
[72] BAKKER, TALITHA, CH
[72] STUMPP, MICHAEL T., CH
[72] BINZ, HANS KASPAR, CH
[72] PHILLIPS, DOUGLAS, CH
[72] DOLADO, IGNACIO, CH
[72] FORRER, PATRIK, CH
[72] MERZ, FRIEDER W., DE
[72] SONDEREGGER, IVO, CH
[72] STEINER, DANIEL, CH
[72] GULOTTI-GEORGIEVA, MAYA, CH
[72] ABRAM SALIBA, JOHAN, CH
[71] MOLECULAR PARTNERS AG, CH
[85] 2017-09-13
[86] 2016-04-01 (PCT/EP2016/057272)
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[30] EP (15162502.7) 2015-04-02
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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **A SHUT-OFF VALVE**
[54] **VALVE D'ARRET**
[72] COWLES, CHRISTOPHER JOHN, GB
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[72] JACOBSEN, BRIAN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[30] GB (1504462.1) 2015-03-17

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[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **VEHICLE ANTENNA PANE**
[54] **VITRAGE A ANTENNE POUR VEHICULE**
[72] DROSTE, STEFAN, DE
[72] STELLING, BERND, DE
[72] FRANCOIS, GUILLAUME, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-09-13
[86] 2016-03-30 (PCT/EP2016/056974)
[87] (WO2016/162251)
[30] EP (15162763.5) 2015-04-08

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[13] A1
[51] **Int.Cl. A61K 8/97 (2017.01) A23L 33/105 (2016.01) A61K 36/00 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING AN EXTRACT OF A MATRIX OF VEGETABLE ORIGIN BY EXTRUSION WITH A HYDROTROPE SOLUTION**
[54] **PROCEDE DE PREPARATION D'UN EXTRAIT DE MATRICE VEGETALE PAR EXTRUSION AVEC UNE SOLUTION HYDROTROPIQUE**
[72] MANDEAU, ANNE, FR
[72] LETI, MATHIEU, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2017-09-12
[86] 2016-03-18 (PCT/EP2016/056039)
[87] (WO2016/146838)
[30] FR (1552249) 2015-03-18

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[51] **Int.Cl. E04F 13/21 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **VENTILATED FACADE**
[54] **FACADE VENTILEE**
[72] FERNANDEZ FERNANDEZ, JAVIER, ES
[71] CUPA INNOVACION S.L.U., ES
[85] 2017-09-13
[86] 2016-04-08 (PCT/ES2016/070240)
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[30] ES (P201530505) 2015-04-15

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[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01) A61B 17/16 (2006.01) A61C 3/02 (2006.01)**
[25] EN
[54] **CUTTING INSTRUMENT, IN PARTICULAR A DENTAL CUTTING INSTRUMENT**
[54] **INSTRUMENT DE COUPE, EN PARTICULIER INSTRUMENT DE COUPE DENTAIRE**
[72] DELVAL, ALAIN, CH
[71] DENTSPLY SIRONA INC., US
[85] 2017-09-13
[86] 2016-04-11 (PCT/IB2016/052039)
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[30] EP (15163782.4) 2015-04-16

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[13] A1
[51] **Int.Cl. E21B 34/16 (2006.01) E21B 4/02 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **REMOTE HYDRAULIC CONTROL OF DOWNHOLE TOOLS**
[54] **COMMANDE HYDRAULIQUE A DISTANCE D'OUTILS DE FOND DE TROU**
[72] EVANS, BENJAMIN, BE
[72] ROCHE, OLIVIER CHRISTOPHE, BE
[72] LASSOIE, JEAN-PIERRE, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-13
[86] 2015-04-15 (PCT/US2015/025990)
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[13] A1
[51] **Int.Cl. C09K 8/528 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS, SYSTEMS, AND METHODS FOR REMOVING IRON SULFIDE SCALE FROM OILFIELD COMPONENTS USING METHYL ACRYLATE**
[54] **COMPOSITIONS, SYSTEMES, ET PROCEDES D'ELIMINATION DES DEPOTS DE SULFURE DE FER DES COMPOSANTS DE CHAMPS PETROLIFERES A L'AIDE D'ACRYLATE DE METHYLE**
[72] PENG, YANG, US
[72] YUE, ZHIWEI, US
[72] ZHAO, FUNIAN, US
[72] SHI, LIU, US
[72] HOPPE, RONALD LARRY, CA
[72] QU, LIANGWEI, US
[72] FAN, CHUNFANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-13
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[87] (WO2016/171652)

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[13] A1
[51] **Int.Cl. E21B 47/092 (2012.01) E21B 47/022 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **MAGNETIC RANGING USING MULTIPLE DOWNHOLE ELECTRODES**
[54] **TELEMETRIE MAGNETIQUE UTILISANT DE MULTIPLES ELECTRODES DE FOND DE TROU**
[72] AHMADI KALATEH AHMAD, AKRAM, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-13
[86] 2015-04-23 (PCT/US2015/027373)
[87] (WO2016/171703)

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **HEMOSTATIC DEVICE AND ITS METHODS OF USE**
[54] **DISPOSITIF HEMOSTATIQUE ET SES PROCEDES D'UTILISATION**
[72] PHILLIPS, VICTOR MATTHEW, US
[72] REBH, JR., WILLIAM ROBERT, US
[71] PHILLIPS MEDICAL, LLC, US
[85] 2017-09-13
[86] 2015-07-13 (PCT/US2015/040116)
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[30] US (14/708,943) 2015-05-11

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[13] A1
[51] **Int.Cl. B21D 22/28 (2006.01) B21D 22/20 (2006.01)**
[25] EN
[54] **FORMED MATERIAL MANUFACTURING METHOD**
[54] **METHODE DE FABRICATION DE MATERIAU FORME**
[72] NAKAMURA, NAOFUMI, JP
[72] YAMAMOTO, YUDAI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2017-09-13
[86] 2016-03-15 (PCT/JP2016/058136)
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[30] JP (2015-070609) 2015-03-31

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/54 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **TATTOO ENHANCEMENT PROCEDURE**
[54] **PROCEDURE POUR AMELIORER UN TATOUAGE**
[72] WALKER, DOUGLAS W., US
[72] ACOSTA, BRENDA A., US
[72] HUBBLE, JOHN, US
[71] ALTAIR INSTRUMENTS, INC., US
[85] 2017-09-13
[86] 2016-03-31 (PCT/US2016/025340)
[87] (WO2016/161156)
[30] US (62/141,709) 2015-04-01
[30] US (15/085,915) 2016-03-30

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[13] A1
[51] **Int.Cl. F16B 4/00 (2006.01) F16B 1/00 (2006.01) F16D 1/00 (2006.01) F16D 1/08 (2006.01)**
[25] EN
[54] **REVERSIBLE CONNECTION OF MACHINE COMPONENTS**
[54] **RACCORDEMENT REVERSIBLE DE COMPOSANTS MECANIQUES**
[72] MITSCH, FRANZ, DE
[72] HEINZ, FRANK, DE
[71] ESM ENERGIE- UND SCHWINGUNGSTECHNIK MITSCH GMBH, DE
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[86] 2016-03-29 (PCT/EP2016/000524)
[87] (WO2016/162111)
[30] EP (15000975.1) 2015-04-04

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[13] A1
[51] **Int.Cl. E06B 3/54 (2006.01) E06B 3/56 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BLOCK ELEMENTS OF WINDOWS**
[54] **PROCEDE DE FABRICATION DE BLOCS-FENETRES**
[72] BRUDERER, BEAT, CH
[72] STEINER, PATRICK, CH
[72] BRANDMAIR, ANTON, CH
[71] NOLAX AG, CH
[85] 2017-09-14
[86] 2016-03-07 (PCT/EP2016/054800)
[87] (WO2016/162154)
[30] EP (15162815.3) 2015-04-08

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[13] A1
[51] **Int.Cl. C07D 271/113 (2006.01) A01N 43/26 (2006.01)**
[25] EN
[54] **SALTS OF N-(1,3,4-OXADIAZOL-2-YL) ARYL CARBOXYLIC ACID AMIDES AND THE USE OF SAME AS HERBICIDES**
[54] **SELS D'AMIDES D'ACIDE ARYLCARBOXYLIQUE N-(1,3,4-OXADIAZOL-2-YL) ET LEUR UTILISATION COMME HERBICIDES**
[72] KOHN, ARNIM, DE
[72] BRAUN, RALF, DE
[72] AHRENS, HARTMUT, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] HEINEMANN, INES, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER CROPSCIENCE AKTIENGELSELLSCHAFT, DE
[85] 2017-09-14
[86] 2016-03-14 (PCT/EP2016/055396)
[87] (WO2016/146561)
[30] EP (15159483.5) 2015-03-17

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[13] A1
[51] **Int.Cl. C07K 14/81 (2006.01) C12N 15/15 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DIAGNOSIS AND TREATMENT OF CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER**
[72] SAHIN, UGUR, DE
[72] WUSTEHUBE-LAUSCH, JOYCELYN, DE
[72] FIEDLER, MARKUS, DE
[72] DANESCHDAR, MATIN, DE
[72] SCHMOLDT, HANS-ULRICH, DE
[71] BIONTECH AG, DE
[85] 2017-09-14
[86] 2016-03-15 (PCT/EP2016/055601)
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[30] EP (PCT/EP2015/055560) 2015-03-17

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[13] A1
[51] **Int.Cl. B05C 1/08 (2006.01) B05C 1/16 (2006.01) B05C 5/02 (2006.01) B05C 11/02 (2006.01)**
[25] EN
[54] **DEVICE FOR APPLYING A HOT-MELT TO A WEB OF MATERIAL**
[54] **DISPOSITIF POUR APPLIQUER UNE MASSE FONDUE A CHAUD SUR UNE BANDE DE MATERIAU**
[72] JANSEN, ANDREAS WILLIBRORDUS MARIA, NL
[72] JANSEN, SJOERD MARIA, NL
[71] MAAN RESEARCH & DEVELOPMENT B.V., NL
[85] 2017-09-14
[86] 2016-03-16 (PCT/EP2016/055658)
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[30] EP (15159322.5) 2015-03-17

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[13] A1
[51] **Int.Cl. B01D 53/50 (2006.01)**
[25] EN
[54] **SYSTEM FOR SULPHUR REMOVAL FROM A FLUE GAS**
[54] **SYSTEME POUR L'ELIMINATION DE SOUFRE D'UN GAZ DE CARNEAU**
[72] CRESPI, MARIO, IT
[72] FERRARIO, CARLO, IT
[72] PALINI, ELISABETTA, IT
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2017-09-14
[86] 2016-03-17 (PCT/EP2016/055748)
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[30] EP (15425023.7) 2015-03-20

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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **ASSAYS FOR RECOMBINANT EXPRESSION SYSTEMS**
[54] **DOSAGES POUR SYSTEMES D'EXPRESSION DE RECOMBINAISON**
[72] SCHOLTEN, ARJEN, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2017-09-14
[86] 2016-03-18 (PCT/EP2016/056056)
[87] (WO2016/146844)
[30] EP (15159717.6) 2015-03-18

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|13| A1
|51| **Int.Cl. A61B 17/70 (2006.01) A61B 17/86 (2006.01)**
|25| FR
|54| **DEVICE AND SYSTEM FOR FIXING A SPINAL VERTEBRA TO A ROD**
|54| **DISPOSITIF ET SYSTEME DE FIXATION D'UNE VERTEBRE RACHIDIENNE SUR UNE TIGE**
|72| LE COUEDIC, REGIS, FR
|72| PASQUET, DENIS, FR
|71| IMPLANET, FR
|85| 2017-09-14
|86| 2016-04-14 (PCT/FR2016/050867)
|87| (WO2016/166482)
|30| FR (1553428) 2015-04-17

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|13| A1
|51| **Int.Cl. A61K 38/36 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/75 (2006.01)**
|25| EN
|54| **ISOLATED PEPTIDES AND FRAGMENTS THEREOF FROM FIBRINOGEN FOR USE AS DRUGS, PARTICULARLY IN SKIN INFLAMMATORY DISEASES**
|54| **PEPTIDES ET FRAGMENTS DE CEUX-CI ISOLES A PARTIR DE FIBRINOGENE POUR UTILISATION EN TANT QUE MEDICAMENTS, EN PARTICULIER DANS DES MALADIES INFLAMMATOIRES CUTANEES**
|72| DUPIN, NICOLAS, FR
|72| GRANGE, PHILIPPE, FR
|72| CALVEZ, VINCENT, FR
|72| RAINGEAUD, JOEL, FR
|71| UNIVERSITE PARIS DESCARTES, FR
|71| ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
|71| UNIVERSITE PARIS-SUD 11, FR
|71| UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
|71| INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
|71| CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
|71| INSTITUT GUSTAVE-ROUSSY, FR
|85| 2017-09-14
|86| 2016-03-21 (PCT/EP2016/056179)
|87| (WO2016/150926)
|30| EP (15305414.3) 2015-03-20

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|51| **Int.Cl. C21D 9/56 (2006.01) F27B 9/04 (2006.01) F27B 9/14 (2006.01) F27D 7/06 (2006.01)**
|25| EN
|54| **METHOD AND DEVICE FOR REACTION CONTROL**
|54| **PROCEDE ET DISPOSITIF DE COMMANDE DE REACTION**
|72| DUBOIS, MICHEL, BE
|71| COCKERILL MAINTENANCE & INGENIERIE S.A., BE
|85| 2017-09-14
|86| 2016-03-23 (PCT/EP2016/056305)
|87| (WO2016/156125)
|30| EP (15162341.0) 2015-04-02
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|13| A1
|51| **Int.Cl. A61B 17/04 (2006.01) A61F 2/24 (2006.01)**
|25| EN
|54| **TISSUE ANCHORS AND PERCUTANEOUS TRICUSPID VALVE REPAIR USING A TISSUE ANCHOR**
|54| **ANCRAGES TISSULAIRES ET REPARATION DE VALVE TRICUSPIDE PERCUTANEE UTILISANT UN ANCRAGE TISSULAIRE**
|72| CAHALANE, STEVEN, US
|72| ROBINSON, JASON, US
|72| HOUSE, MORGAN, US
|71| MITRALIGN, INC., US
|85| 2017-09-14
|86| 2015-03-18 (PCT/US2015/021346)
|87| (WO2016/148714)

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|51| **Int.Cl. C07D 309/32 (2006.01) A61K 31/351 (2006.01) A61P 31/12 (2006.01) A61P 31/18 (2006.01) C07D 407/04 (2006.01)**
|25| EN
|54| **PYRONE DERIVATIVES FOR USE IN THERAPY**
|54| **DERIVES PYRONE DESTINES A ETRE UTILISES EN TANT QU'AGENTS ANTIVIRAUX**
|72| BRACK-WERNER, RUTH, DE
|72| HELFER, MARKUS, DE
|72| ROSNER, MANFRED, DE
|72| SCHNEIDER, MARTHA, DE
|72| PROTZER, ULRIKE, DE
|72| HERTWECK, CHRISTIAN, DE
|72| WERNEBURG, MARTINA, DE
|71| HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
|71| LEIBNIZ-INSTITUT FUR NATURSTOFF-FORSCHUNG UND INFEKTIONSBIOLOGIE E. V. - HANS-KNOLL-INSTITUT -, DE
|85| 2017-09-14
|86| 2016-04-07 (PCT/EP2016/057598)
|87| (WO2016/162405)
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|13| A1
|51| **Int.Cl. E21B 19/08 (2006.01) B63B 35/44 (2006.01) E21B 15/02 (2006.01) E21B 19/09 (2006.01)**
|25| EN
|54| **ASSEMBLY AND METHOD FOR DYNAMIC, HEAVE-INDUCED LOAD MEASUREMENT**
|54| **ENSEMBLE ET PROCEDE POUR MESURE DYNAMIQUE DE CHARGE INDUITE PAR LA HOULE**
|72| SMITH, LOGAN, US
|71| FRANK'S INTERNATIONAL, LLC, US
|85| 2017-09-14
|86| 2016-03-17 (PCT/US2016/022763)
|87| (WO2016/149448)
|30| US (62/134,059) 2015-03-17

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[13] A1
[51] **Int.Cl. F41C 33/02 (2006.01)**
[25] EN
[54] **HOLSTER**
[54] **ETUI**
[72] SEREDAY, DANIEL, US
[72] SMITH, PAUL, US
[72] MICHAEL, CHRISTOPHER, US
[72] KINCAID, ROBERT, US
[71] VISTA OUTDOOR OPERATIONS LLC, US
[85] 2017-09-14
[86] 2016-03-21 (PCT/US2016/023474)
[87] (WO2016/154142)
[30] US (62/135,917) 2015-03-20

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[13] A1
[51] **Int.Cl. F16M 11/06 (2006.01) A47B 21/04 (2006.01) F16C 11/10 (2006.01) F16M 11/04 (2006.01) G09F 7/20 (2006.01)**
[25] EN
[54] **ARTICULATING SUPPORT ARM WITH IMPROVED TILTER AND FRICTION JOINT**
[54] **BRAS DE SUPPORT ARTICULE A ARTICULATION A BASCULEMENT ET FROTTEMENT AMELIOREE**
[72] BOWMAN, STEPHEN J., US
[72] HOCHBERG, CARL J., US
[72] SMITH, MICHAEL P., US
[72] LAM, MICKEY, US
[71] INNOVATIVE OFFICE PRODUCTS, LLC, US
[85] 2017-09-14
[86] 2016-04-06 (PCT/US2016/026196)
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[30] US (62/149,887) 2015-04-20
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[13] A1
[51] **Int.Cl. F41G 1/387 (2006.01) F41G 1/473 (2006.01) F41G 11/00 (2006.01) G02B 23/10 (2006.01)**
[25] EN
[54] **RIFLE SCOPE TARGETING DISPLAY ADAPTER MOUNT**
[54] **MONTURE D'ADAPTATEUR D'ECRAN DE CIBLAGE DE LUNETTE DE VISEE POUR ARME D'EPAULE**
[72] MARYFIELD, TONY, US
[72] DADKHAH, MAHYAR, US
[72] CUGNETTI, CHRISTIAN, US
[71] CUBIC CORPORATION, US
[85] 2017-09-14
[86] 2016-04-07 (PCT/US2016/026497)
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[30] US (62/144,218) 2015-04-07

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/145 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ANALYZING GLUCOSE DATA MEASURED FROM A PERSON HAVING DIABETES**
[54] **PROCEDES ET SYSTEMES D'ANALYSE DE DONNEES GLYCEMIQUES MESUREES SUR UNE PERSONNE DIABETIQUE**
[72] DIEBOLD, ERIC R., US
[72] GREENBURG, ALAN, US
[72] DUKE, DAVID L., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-09-14
[86] 2016-04-01 (PCT/US2016/025502)
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[30] US (14/677,148) 2015-04-02

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[13] A1
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 7/04 (2006.01) E21B 17/10 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **DRILL STRING ELEMENT**
[54] **ELEMENT DE TRAIN DE TIGES DE FORAGE**
[72] GERHARDT, TOBIAS, DE
[72] LUBBERGER, MICHAEL, DE
[72] ENGEL, TOBIAS, DE
[71] HERRENKNECHT AG, DE
[85] 2017-09-15
[86] 2016-03-04 (PCT/EP2016/000378)
[87] (WO2016/146241)
[30] DE (10 2015 003 157.0) 2015-03-15

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[13] A1
[51] **Int.Cl. B02C 17/24 (2006.01) F16H 57/023 (2012.01) B02C 15/00 (2006.01)**
[25] FR
[54] **REDUCTION GEAR FOR A STIRRED MILL, AND CORRESPONDING MILL AND USE**
[54] **REDUCTEUR POUR BROYEUR A AGITATION, BROYEUR ET UTILISATION CORRESPONDANTS**
[72] LESSARD, FABRICE, FR
[71] COMPAGNIE ENGRENAGES ET REDUCTEURS - MESSIAN - DURAND, FR
[85] 2017-09-15
[86] 2016-03-17 (PCT/EP2016/055782)
[87] (WO2016/146734)
[30] FR (15 52194) 2015-03-17

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[13] A1
[51] **Int.Cl. B02C 17/24 (2006.01) F16C 17/10 (2006.01) F16C 19/14 (2006.01) F16H 57/02 (2012.01)**
[25] FR
[54] **DRIVE FOR A VERTICAL STIRRED MILL**
[54] **ENTRAINEMENT DE BROYEUR AGITATEUR VERTICAL**
[72] LESSARD, FABRICE, FR
[71] COMPAGNIE ENGRENAGES ET REDUCTEURS - MESSIAN - DURAND, FR
[85] 2017-09-15
[86] 2016-03-17 (PCT/EP2016/055859)
[87] (WO2016/146774)
[30] FR (1552179) 2015-03-17

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[51] **Int.Cl. A61M 29/02 (2006.01) A61M 19/00 (2006.01) A61M 25/06 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **BALLOON-TIPPED CATHETER FOR CONTINUOUS NERVE BLOCKS**
[54] **CATHETER A BALLONNET POUR BLOCS NERVEUX CONTINUS**
[72] HESSELBJERG, LARS, DK
[71] RIGSHOSPITALET COPENHAGEN UNIVERSITY HOSPITAL, DK
[85] 2017-09-15
[86] 2016-03-22 (PCT/DK2016/050089)
[87] (WO2016/150448)
[30] DK (PA 2015 70169) 2015-03-25

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[13] A1
[51] **Int.Cl. A01N 43/80 (2006.01) A01N 43/40 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING ISOXAFLUTOLE AND DIFLUFENICAN**
[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ISOXAFLUTOLE ET DU DIFLUFENICAN**
[72] BAGWELL, RALPH, US
[72] TOSSENS, HERVE, BE
[72] HILLS, MARTIN JEFFREY, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-09-15
[86] 2016-03-15 (PCT/EP2016/055485)
[87] (WO2016/150751)
[30] EP (15160008.7) 2015-03-20

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[13] A1
[51] **Int.Cl. C23C 2/06 (2006.01) C21D 8/00 (2006.01) C21D 9/46 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/18 (2006.01) C22C 38/38 (2006.01) C23C 2/02 (2006.01) C23C 2/12 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **STEEL FOR HOT FORMING**
[54] **ACIER POUR FORMAGE A CHAUD**
[72] HANLON, DAVID NEAL, NL
[72] HENSEN, GUIDO CORNELIS, NL
[72] VAN BOHEMEN, STEFANUS MATHEUS CORNELIS, NL
[71] TATA STEEL IJMUIDEN B.V., NL
[85] 2017-09-15
[86] 2016-03-14 (PCT/EP2016/055449)
[87] (WO2016/146581)
[30] EP (EP15020034) 2015-03-16

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[13] A1
[51] **Int.Cl. C07D 215/52 (2006.01) A61K 31/47 (2006.01) A61K 31/4725 (2006.01) A61P 11/00 (2006.01) C07D 405/12 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED N-BICYCLO-2-ARYL-QUINOLIN-4-CARBOXAMIDES AND USE THEREOF**
[54] **N-BICYCLO-2-ARYLCHINOLINO-4-CARBOXAMIDES SUBSTITUES ET LEUR UTILISATION**
[72] BECK, HARTMUT, DE
[72] THALER, TOBIAS, DE
[72] KAST, RAIMUND, DE
[72] MEININGHAUS, MARK, DE
[72] TERJUNG, CARSTEN, DE
[72] MUENSTER, UWE, DE
[72] OLENIK, BRITTA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-09-15
[86] 2016-03-15 (PCT/EP2016/055489)
[87] (WO2016/146602)
[30] EP (15159572.5) 2015-03-18

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[13] A1
[51] **Int.Cl. C21D 9/46 (2006.01) B23K 26/00 (2014.01) B23K 26/08 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HEAT TREATMENT OF SHEET METAL**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT THERMIQUE DE TOLES**
[72] SANCHO DIAZ, PAULA, ES
[72] DIAZ ROZO, JAVIER, ES
[72] DOMINGUEZ COBREROS, JESUS, ES
[71] IKERGUNE A.I.E., ES
[85] 2017-09-15
[86] 2016-03-15 (PCT/EP2016/055612)
[87] (WO2016/146646)
[30] EP (15382122.8) 2015-03-17

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[13] A1
[51] **Int.Cl. C07F 7/18 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **SILANES AND CURABLE COMPOSITIONS WHICH CONTAIN SAID SILANES AS CROSS-LINKING AGENTS**
[54] **SILANES ET COMPOSITIONS DURCISSABLES CONTENANT CES SILANES EN TANT QUE RETICULANTS**
[72] GUTACKER, ANDREA, DE
[72] KLEIN, JOHANN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-09-15
[86] 2016-03-16 (PCT/EP2016/055693)
[87] (WO2016/146685)
[30] DE (10 2015 204 788.1) 2015-03-17

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|51| **Int.Cl. C08L 83/04 (2006.01) C09D 183/04 (2006.01) C09J 183/04 (2006.01)**
|25| EN
|54| **CURABLE SILICON COMPOSITIONS**
|54| **COMPOSITIONS DE SILICONE DURCISSABLES**
|72| GUTACKER, ANDREA, DE
|72| KLEIN, JOHANN, DE
|72| BOUDET, HELENE, DE
|72| DURACU, ADRIAN, DE
|72| KAPUSTA, SEBASTIAN, DE
|71| HENKEL AG & CO. KGAA, DE
|85| 2017-09-15
|86| 2016-03-16 (PCT/EP2016/055620)
|87| (WO2016/146648)
|30| DE (10 2015 204 787.3) 2015-03-17

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|13| A1
|51| **Int.Cl. C12N 9/10 (2006.01) C12P 19/56 (2006.01)**
|25| EN
|54| **UDP-GLYCOSYLTRANSFERASES**
|54| **UDP-GLYCOSYLTRANSFERASES**
|72| BOER, VIKTOR MARIUS, NL
|72| VAN LEEUWEN, JOHANNES GUSTAAF ERNST, NL
|72| ZWARTJENS, PRISCILLA, NL
|72| KOLEN, CATHARINA PETRONELLA ANTONIA MARIA, NL
|71| DSM IP ASSETS B.V., NL
|85| 2017-09-15
|86| 2016-03-16 (PCT/EP2016/055734)
|87| (WO2016/146711)
|30| US (62/133606) 2015-03-16

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|51| **Int.Cl. G01N 33/02 (2006.01) G01N 23/04 (2006.01) G01N 23/083 (2006.01) G01N 23/18 (2006.01) G01V 5/00 (2006.01) G06T 7/00 (2017.01) G06T 11/00 (2006.01)**
|25| EN
|54| **AUTOMATED QUALITY CONTROL AND SELECTION**
|54| **SELECTION ET CONTROLE QUALITE AUTOMATISES**
|72| VAN DAEL, MATTIAS, BE
|72| VERBOVEN, PIETER, BE
|72| NICOLAI, BART, BE
|72| DHAENE, JELLE, BE
|72| VAN HOOREBEKE, LUC, BE
|72| SIJBERS, JAN, BE
|71| KATHOLIEKE UNIVERSITEIT LEUVEN, BE
|71| UNIVERSITEIT GENT, BE
|71| UNIVERSITEIT ANTWERPEN, BE
|85| 2017-09-15
|86| 2016-03-16 (PCT/EP2016/055718)
|87| (WO2016/146703)
|30| GB (1504360.7) 2015-03-16

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|51| **Int.Cl. B32B 5/02 (2006.01) B32B 7/02 (2006.01) B32B 7/10 (2006.01) B32B 27/08 (2006.01) B32B 27/12 (2006.01) B32B 27/24 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) E02D 31/10 (2006.01) E04B 1/66 (2006.01)**
|25| EN
|54| **SELF-REPAIRING AND SELF-SEALING WATERPROOF MEMBRANE, FOR INSULATING BUILT STRUCTURES SUBJECTED TO HYDROSTATIC PRESSURE**
|54| **MEMBRANE AUTOREPARABLE ET AUTO-OBTURANTE ETANCHE A L'EAU, SERVANT A ISOLER DES STRUCTURES BATIES SOUMISES A UNE PRESSION HYDROSTATIQUE**
|72| GUDERZO, MARCO, IT
|71| VOLTECO S.P.A., IT
|85| 2017-09-15
|86| 2016-03-16 (PCT/EP2016/055732)
|87| (WO2016/146709)
|30| IT (MI2015A000403) 2015-03-17

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|51| **Int.Cl. C07D 213/69 (2006.01) A61K 31/4418 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01)**
|25| EN
|54| **OXO-PYRIDINE-DERIVATIVES AS FACTOR XIA INHIBITORS FOR THE TREATMENT OF THROMBOSIS**
|54| **DERIVES D'OXOPYRIDINE COMME INHIBITEURS DU FACTEUR XIA POUR LE TRAITEMENT DE LA THROMBOSE**
|72| ROHRIG, SUSANNE, DE
|72| TELLER, HENRIK, DE
|72| HEITMEIER, STEFAN, DE
|72| SCHLEMMER, KARL-HEINZ, DE
|72| STAMPFUSS, JAN, DE
|72| HILLISCH, ALEXANDER, DE
|72| TERSTEEGEN, ADRIAN, DE
|72| JIMENEZ NUNEZ, ELOISA, DE
|71| BAYER PHARMA AKTIENGESELLSCHAFT, DE
|85| 2017-09-15
|86| 2016-03-15 (PCT/EP2016/055496)
|87| (WO2016/146606)
|30| EP (15159829.9) 2015-03-19

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|13| A1
|51| **Int.Cl. A61K 31/045 (2006.01) A61K 31/353 (2006.01) A61K 31/355 (2006.01) A61P 31/22 (2006.01)**
|25| EN
|54| **COMPOSITIONS COMPRISING DIHYDROQUERCETIN FOR USE IN METHODS FOR TREATING HERPES**
|54| **COMPOSITIONS COMPRENANT LA DIHYDROQUERCETINE POUR UNE UTILISATION DANS DES METHODES DE TRAITEMENT DE L'HERPES**
|72| AUCLAIR, CHRISTIAN, FR
|71| BIONOOX SUISSE SA, CH
|85| 2017-09-15
|86| 2016-03-18 (PCT/EP2016/056054)
|87| (WO2016/146843)
|30| EP (15159744.0) 2015-03-18

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[13] A1
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 69/02 (2006.01) B01D 71/10 (2006.01) D21H 11/18 (2006.01) D21H 17/02 (2006.01) D21H 21/52 (2006.01) D21H 25/04 (2006.01)**
[25] EN
[54] **CELLULOSE NANOFIBER MEMBRANE, ITS PREPARATION AND ITS USE**
[54] **MEMBRANE DE NANOFIBRES DE CELLULOSE, SA PREPARATION ET SON UTILISATION**
[72] MIHRANYAN, ALBERT, SE
[71] MIHRANYAN, ALBERT, SE
[85] 2017-09-15
[86] 2015-03-18 (PCT/EP2015/055708)
[87] (WO2016/146188)

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[13] A1
[51] **Int.Cl. G08G 1/14 (2006.01)**
[25] EN
[54] **METHOD AND PARKING SYSTEM FOR SUPPORTED PARKING OF PLACEMENT VEHICLES**
[54] **PROCEDE ET SYSTEME DE STATIONNEMENT PERMETTANT DE GARER DE MANIERE ASSISTEE DES VEHICULES A L'ARRET**
[72] JELL, THOMAS, DE
[72] RAPOLD, HAUKE THOMAS, DE
[72] ZWICK, MARCUS, DE
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[72] VILLADSEN, JESPER SLOTH, DK
[72] MUNCH, HENRIK KOFOED, DK
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[72] SCHRITTER, JOHANNA, AT
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[72] BUS, KARIN, NL
[72] DE VILLIERS, WALDO EUGENE, US
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[72] JANSSEN, KOEN, BE
[72] VAN OOSTERHOUT, PETRUS HENRICUS JOSEPHUS, NL
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[72] SALAMONY, KEITH J., US
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[72] LEPPARD, STEVEN ANDREW, US
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[54] **MATERIAUX D'INTERFACE THERMIQUE SOUPLES ET CONFORMES PRESENTANT DES CONDUCTIVITES THERMIQUES ULTRA-ELEVEES**
[72] TEIPEL, BLAKE, US
[72] AKBULUT, MUSTAFA, US
[72] YEGIN, CENGIZ, US
[72] NAGABANDI, NIRUP K., US
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[72] LAUSTED, MATTHEW DAROLD, US
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[54] **TENSIOACTIFS BIODEGRADABLES DE TYPE SUCRE-AMIDE POUR UNE RECUPERATION ASSISTEE DU PETROLE (RAP)**
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[72] LEINWEBER, DIRK, DE
[72] KAISER, ANTON, US
[72] WYLDE, JONATHAN, US
[72] MAHMOUDKHANI, AMIR, US
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[54] **ECHANGEUR DE CHALEUR A PLAQUES POUR REACTEURS CHIMIQUES AVEC COLLECTEURS AUTOMATIQUEMENT SOUDABLES**
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[54] **PROCEDE DE PRODUCTION DE (4S)-4-[4-CYANO-2-(METHYLSULFONYL)PHENYL]-3,6-DIMETHYL-2-OXO-1-[3-(TRIFLUOROMETHYL)PHENYL]-1,2,3,4-TETRAHYDRO PYRIMIDINE-5-CARBONITRILE**
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[72] RUBENBAUER, PHILIPP, DE
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[54] **SYSTEME D'ACCES A UN BATIMENT ET PROCEDE POUR MUNIR UN BATIMENT D'UN TEL SYSTEME D'ACCES A UN BATIMENT**
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[71] ARBRA HISSYSTEM AB, SE
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[54] **PROCEDE ET ENSEMBLE D'ACCOUPLEMENT DE MULTIPLES ENCEINTES**
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[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **BIS-ACRIDINES ASYMETRIQUES AYANT UNE ACTIVITE ANTITUMORALE ET LEURS UTILISATIONS**
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[72] HOROWSKA, BARBARA, PL
[72] PALUSZKIEWICZ, EWA MARIA, PL
[72] BOROWA-MAZGAJ, BARBARA, PL
[72] AUGUSTIN, EWA ANNA, PL
[72] SKWARSKA, ANNA, PL
[72] MAZERSKA, ZOFIA, PL
[71] POLITECHNIKA GDANSKA, PL
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[54] **NOVEL HETEROCYCLIC COMPOUNDS AND THEIR USE IN PREVENTING OR TREATING BACTERIAL INFECTIONS**
[54] **NOUVEAUX COMPOSES HETEROCYCLIQUES ET UTILISATION DE CEUX-CI POUR PREVENIR OU TRAITER DES INFECTIONS BACTERIENNES**
[72] CARAVANO, AUDREY, FR
[72] CHASSET, SOPHIE, FR
[72] CHEVREUIL, FRANCIS, FR
[72] FAIVRE, FABIEN, FR
[72] LECOINTE, NICOLAS, FR
[72] LEDOUSSAL, BENOIT, FR
[72] LE STRAT, FREDERIC, FR
[72] RICHARD, SEBASTIEN, FR
[72] SIMON, CHRISTOPHE, FR
[72] VOMSCHEID, SOPHIE, FR
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[54] **ANTIBODIES TO CANINE INTERLEUKIN-4 RECEPTOR ALPHA**
[54] **ANTICORPS CONTRE LE RECEPTEUR ALPHA DE L'INTERLEUKINE 4 CANINE**
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[72] ZHANG, YUANZHENG, US
[71] INTERVET INTERNATIONAL B.V., NL
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[54] **OXYGEN SUPPLY DEVICE, OXYGEN SUPPLY SYSTEM AND METHOD OF OXYGEN SUPPLY**
[54] **DISPOSITIF D'ALIMENTATION EN OXYGENE, SYSTEME D'ALIMENTATION EN OXYGENE ET PROCEDE D'ALIMENTATION EN OXYGENE**
[72] HAUSSERMANN, SABINE, DE
[72] FORSBERG, PETER, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **SIZE-TUNABLE NANOPARTICLE SYNTHESIS**
[54] **SYNTHESE DE NANOPARTICULES A TAILLE MODULABLE**
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[72] DUPONT, DORIAN, BE
[72] HENS, ZEGER, BE
[71] UNIVERSITEIT GENT, BE
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[72] VAN DER HOEVEN, ROBERTUS ANTONIUS MIJNDERT, NL
[72] LANKHORST, PETER PHILIP, NL
[72] GOSIEWSKA, SILVIA, NL
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[25] FR
[54] **METHOD FOR THE CONTINUOUS OZONE-BASED TREATMENT OF PARTICULATE PRODUCTS, AND CORRESPONDING DEVICE**
[54] **PROCEDE DE TRAITEMENT DE PRODUITS DIVISES A L'OZONE EN CONTINU ET DISPOSITIF CORRESPONDANT**
[72] LEPEZ, OLIVIER, FR
[72] SAJET, PHILIPPE, FR
[72] AUSSENAC, THIERRY, FR
[72] COSTE, CHRISTIAN, FR
[72] DRUON, CYRIL, FR
[72] GUZUN, TATIANA, FR
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[54] **SYSTEME ET PROCEDE POUR TRAITER DES IMAGES D'UNE SURFACE DE SOL**
[72] LIVENS, STEFAN, BE
[72] DELAURE, BAVO, BE
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[54] **METHOD AND DEVICE FOR PRODUCING LARGE-VOLUME CONTAINERS WITH FLANGE BY PLASTIC BLOW MOLDING**
[54] **METHODE ET DISPOSITIF DE PRODUCTION DE CONTENEURS A GRAND VOLUME A BRIDE OBTENUS PAR MOULAGE PAR SOUFFLAGE DE PLASTIQUE**
[72] RICHTER, GUNTER, DE
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[54] **COMPOSES PIPERIDINIQUES TRICYCLIQUES**
[72] BUR, DANIEL, CH
[72] GRISOSTOMI, CORINNA, CH
[72] KIMMERLIN, THIERRY, CH
[72] REMEN, LUBOS, CH
[72] SIENDT, HERVE, CH
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[72] BRENNER, HERMANN, DE
[72] CHEN, HONGDA, DE
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[54] **CONTROLLING PRODUCTS CONTAINED IN CONTAINER DEVICES**
[54] **CONTROLE DE PRODUITS CONTENUS DANS DES RECIPIENTS**
[72] SALA CUNILL, ANNA, ES
[72] CURRAN, ADRIAN, ES
[72] PEREZ DE LA HOZ, SANTIAGO, ES
[72] TORRENT POCH, MARC, ES
[71] ADAN MEDICAL INNOVATION, S.L., ES
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[54] **USE OF ALGINATE OLIGOMERS AND CFTR MODULATORS IN THE TREATMENT OF CONDITIONS ASSOCIATED WITH CFTR DYSFUNCTION**
[54] **UTILISATION D'OLIGOMERES D'ALGINATE ET DE MODULATEURS DE CFTR DANS LE TRAITEMENT D'ETATS PATHOLOGIQUES ASSOCIES A UN DYSFONCTIONNEMENT DU CFTR**
[72] DESSEN, ARNE, NO
[72] MYRSET, ASTRID HILDE, NO
[72] RYE, PHILIP, NO
[71] ALGIPHARMA AS, NO
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[54] **CARTOUCHE ET DISPOSITIF D'INTRODUCTION POUR SYSTEME MEDICAL**
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[71] F.HOFFMANN-LA ROCHE AG, CH
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[54] **BUILDING SKIN AND METHOD FOR ERECTING A BUILDING SKIN**
[54] **FACADE EXTERIEURE DE BATIMENT ET PROCEDE SERVANT A ELABORER UNE FACADE EXTERIEURE DE BATIMENT**
[72] MEHRTENS, PETER, DE
[71] MAAS PROFILE GMBH, DE
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[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND THEIR USE IN PREVENTING OR TREATING BACTERIAL INFECTIONS**
[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION DANS LA PREVENTION OU LE TRAITEMENT D'INFECTIONS BACTERIENNES**
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[72] CARAVANO, AUDREY, FR
[72] CHASSET, SOPHIE, FR
[72] CHEVREUIL, FRANCIS, FR
[72] FAIVRE, FABIEN, FR
[72] LEDOUSSAL, BENOIT, FR
[72] LE STRAT, FREDERIC, FR
[72] RICHARD, SEBASTIEN, FR
[72] SIMON, CHRISTOPHE, FR
[72] VOMSCHEID, SOPHIE, FR
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[54] **APPARATUS AND METHOD OF COUNTERBALANCING AXES AND MAINTAINING A USER SELECTED POSITION OF A X-RAY SCANNER GANTRY**
[54] **APPAREIL ET PROCEDE DE COMPENSATION DES AXES ET DE MAINTIEN D'UNE POSITION SELECTIONNEE PAR L'UTILISATEUR D'UN PORTIQUE DE SCANNER A RAYONS X**
[72] GARLOW, DAVID A., US
[71] MEDTRONIC NAVIGATION, INC., US
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[54] **COMPOSITION AND METHOD FOR DISRUPTING TISSUE MATERIAL**
[54] **COMPOSITION ET PROCEDE DE DESINTEGRATION DE MATIERE TISSULAIRE**
[72] O'NEIL, DOMINIC, DE
[72] SPERLING, TANYA, DE
[72] SCHROEER, STEFANIE, DE
[71] QIAGEN GMBH, DE
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[54] **VISUALISATION CHRONOLOGIQUE D'EVENEMENTS POUR LE SUIVI D'OPERATIONS DE FORAGE SUR UN SITE DE PUITS**
[72] DAVILA, MICHAEL J., US
[72] HAMMONS, DORINNE D., US
[72] VUTPAKDI, RON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DEVICE FOR FASTENING AND ELECTRICAL CONTACTING OF A VEHICLE WINDOW PANE**
[54] **DISPOSITIF DE FIXATION ET DE MISE EN CONTACT ELECTRIQUE D'UN PANNEAU DE VITRE DE VEHICULE**
[72] KLEIN, MARCEL, DE
[72] DORNER, DIRK, DE
[72] REUL, BERNHARD, DE
[72] KUHNEN, THORSTEN, DE
[72] CARL, ANDRE, DE
[72] SCHATKE, SILVIO, DE
[72] SCHULZ, JOHANNES, DE
[72] HEPPNER, MATHIAS, DE
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[54] **PROCEDES ET SYSTEMES DE VERROUILLAGE DE SECURITE COORDONNE**
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[71] LAIRD TECHNOLOGIES, INC., US
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[54] **SYSTEME DE CONVOYEUR A COURROIES DE TRANSFERT**
[72] KIRKPATRICK, PAUL EDWARD, JR., US
[72] MARSHALL, ANGELA LONGO, US
[72] LANDRUM, JOHN F., US
[72] ROSEN, ROBERT L., US
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[54] **SYSTEME D'OUTIL CHIRURGICAL MOTORISE COMPRENANT UN ACCESSOIRE DE COUPE AYANT UN ARBRE ROTATIF ET UN EMBOUT POUVANT REFROIDIR L'ARBRE**
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[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[54] **METHOD FOR ASSESSING THE SEVERITY OF UNDERWATER DIVE AND USE OF SAID METHOD IN A DIVE COMPUTER**
[54] **PROCEDE D'EVALUATION DE LA SEVERITE D'UNE PLONGEE SOUS-MARINE ET UTILISATION DUDIT PROCEDE DANS UN ORDINATEUR DE PLONGEE**
[72] ANGELINI, SERGIO, IT
[72] TONETTO, LORENZO, IT
[71] MARES S.P.A., IT
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[54] **CONTROLE DE PRESSION POUR DISPOSITIFS DE CONTROLE DE PROCESSUS D'ETALONNAGE**
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[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **BASE ET LUMINAIRE ENCASTRES SANS BOULON**
[72] SCHNEIDER, JOHN BRIAN, US
[72] BLONDIN, SEAN MICHAEL, US
[72] RAKOWSKI, PHILIP EDWARD, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **CAPSULES MOLLES REMPLIES DE LIQUIDE**
[72] ZHAO, YINYAN, US
[72] HU, YUNHUA, US
[72] WILLIAMS, MERVIN, US
[72] DYAKONOV, TATYANA, US
[72] GOSANGARI, SAUJANYA, US
[72] YANG, CHUE, US
[72] VAN DUIJNHOVEN, HENRICUS MARINUS GERARDUS MARIA, NL
[72] PIEST, MARTIN, NL
[72] FATMI, AQEEL A., US
[71] PATHEON SOFTGELS INC., US
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[54] **OPTIMIZING NEURAL NETWORKS FOR RISK ASSESSMENT**
[54] **OPTIMISATION DE RESEAUX NEURONAUX POUR UNE EVALUATION DE RISQUE**
[72] TURNER, MATTHEW, US
[72] MCBURNETT, MICHAEL, US
[71] EQUIFAX, INC., US
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[54] **CONFIGURATION DYNAMIQUE DE VOLUMES DE DONNEES**
[72] BROOKER, MARC JOHN, US
[72] THOMPSON, JAMES MICHAEL, US
[72] OLSON, MARC STEPHEN, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **PROCEDE DE DEVELOPPEMENT AUTOMATISE D'UN MODELE**
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[72] OUYANG, JEFFREY, US
[72] ZHANG, WEI, US
[71] EQUIFAX, INC., US
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[54] **COURROIE TRANSPORTEUSE EN MATIERE PLASTIQUE MODULAIRE EN SPIRALE A AUTO-EMPILEMENT AYANT SUPPORT INTERMEDIAIRE**
[72] BOGLE, DAVID W., US
[71] LATTRAM, L.L.C., US
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[54] **IMPLANTABLE DRUG DELIVERY DEVICE WITH FLOW MEASURING CAPABILITIES**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT IMPLANTABLE AYANT DES CAPACITES DE MESURE D'ECOULEMENT**
[72] BURKE, PAUL, US
[72] ADLER, STEVE, US
[71] FLOWONIX MEDICAL INCORPORATED, US
[85] 2017-09-18
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[54] **PROTEINES MULTISPECIFIQUES DE LIAISON A L'ANTIGENE**
[72] CARTER, PAUL, US
[72] SPIESS, CHRISTOPH, US
[72] YIN, YIYUAN, US
[72] ZHOU, JIANHUI, US
[72] SANDOVAL, WENDY, US
[72] CORN, JACOB, US
[72] DILLON, MICHAEL, US
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[54] **STRUCTURES FOR NORMALIZING MULTI-PLANAR FLOW DISTRIBUTION WITHIN AN ELECTROCHEMICAL SEPARATION SYSTEM**
[54] **STRUCTURES PERMETTANT DE NORMALISER UNE DISTRIBUTION D'ECOULEMENT MULTIPLANAIRE A L'INTERIEUR D'UN SYSTEME DE SEPARATION ELECTROCHIMIQUE**
[72] LIANG, LI-SHIANG, US
[72] GRIFFIS, JOSHUA W., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[72] SCHWANTES, TODD ARLIN, US
[71] ENCAPSYS, LLC, US
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[71] EVANS ELECTRIC PTY LIMITED, AU
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[54] **MOTEURS DE FOND DE TROU A ENTRAINEMENT PAR IMPACT**
[72] SHEEHAN, MARK, CA
[72] PRILL, JONATHAN, CA
[71] DRECO ENERGY SERVICES ULC, CA
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[54] **SYSTEME ET PROCEDES POUR UNE REDONDANCE DE MESSAGE**
[72] PITIO, WALTER MICHAEL, CA
[71] ROYAL BANK OF CANADA, CA
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[54] **APPAREIL DE PRODUCTION D'HYDROCARBURES**
[72] HONG, CLAIRE YIH PING, CA
[71] CENOVUS ENERGY INC., CA
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[54] **METHODS, SYSTEMS AND DEVICES RELATING TO DISTORTION CORRECTION IN IMAGING DEVICES**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS SE RAPPORTANT A UNE CORRECTION DE LA DISTORSION DANS DES DISPOSITIFS D'IMAGERIE**
[72] PAWLOWICZ, CHRISTOPHER, CA
[72] SORKIN, ALEXANDER, CA
[72] MARTINCEVIC, VLADIMIR, CA
[71] TECHINSIGHTS INC., CA
[85] 2017-09-19
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[54] **ANTENNE POUR APPLICATIONS EN CHAMP PROCHE ET UTILISATION D'UNE TELLE ANTENNE**
[72] KILIAN, DIETER, DE
[71] KILIAN, DIETER, DE
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[54] **DISPOSITIF D'IMAGERIE ET PROCEDE D'IMAGERIE CORRESPONDANT**
[72] CLEMENCE, FLORENT, FR
[72] THOUVENIN, NICOLAS, FR
[72] WERQUIN, MATTHIEU, FR
[72] JONNIAU, SYLVAIN, FR
[72] VELLAS, NICOLAS, FR
[71] MICROWAVE CHARACTERIZATION CENTER, FR
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[54] **ACCESSOIRE DE CUISSON ET APPAREIL ELECTRIQUE DE CUISSON COMPORTANT UN ACCESSOIRE DE CUISSON**
[72] SEURAT, FREDERIC, FR
[72] MUHR, NICOLAS, FR
[72] GAUDISSART, CHARLES, FR
[71] SEB S.A., FR
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[86] 2016-04-14 (PCT/FR2016/050875)
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[54] **ANALOGUES D'INDOLE EN TANT QU'ANTAGONISTES DES RECEPTEURS 5-OXO-ETE ET PROCEDE D'UTILISATION DE CEUX-CI**
[72] ROKACH, JOSHUA, US
[72] POWELL, WILLIAM S., CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[71] FLORIDA INSTITUTE OF TECHNOLOGY, US
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[54] **CRYSTAL FORM OF ABIRATERONE PROPIONATE AND PREPARATION METHOD THEREFOR**
[54] **FORME CRISTALLINE DU PROPIONATE D'ABIRATERONE ET PROCEDE DE PREPARATION CORRESPONDANT**
[72] XING, NAIGUO, CN
[72] SHANGGUAN, YAN, CN
[72] ZHENG, DEPING, CN
[72] CHEN, FANGLU, CN
[71] CHONGQING PHARMACEUTICAL RESEARCH INSTITUTE CO., LTD., CN
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|54| **PROCEDE DE SECHAGE DANS UN FOUR EN LIGNE POUR UN FOUR D'OXYDATION CATALYTIQUE DE GAZ NATUREL THERMIQUEMENT ISOLE**
|72| CHEN, YILONG, CN
|72| ZHANG, YANFENG, CN
|72| KUAI, PINGYU, CN
|72| TIAN, WENTANG, CN
|72| WANG, DAXIANG, CN
|71| WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
|85| 2017-09-19
|86| 2016-02-26 (PCT/CN2016/074636)
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|54| **CRYSTALLINE FORM OF AHU377, PREPARATION METHOD AND USE THEREOF**
|54| **FORME CRISTALLINE DE AHU377, PROCEDE DE PREPARATION ET UTILISATION DE CETTE DERNIERE**
|72| CHEN, MINHUA, CN
|72| ZHANG, YANFENG, CN
|72| YANG, CHAOHUI, CN
|72| YU, SHU, CN
|72| ZHANG, XIAOYU, CN
|72| ZHANG, LIANG, CN
|71| CRYSTAL PHARMATECH CO., LTD., CN
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|54| **PHARMACEUTICAL COMPOSITION CONTAINING SILYBIN AND L-CARNITINE**
|54| **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILYBINE ET DE LA L-CARNITINE**
|72| SUN, HE, CN
|72| YAN, XIJUN, CN
|72| WU, NAIFENG, CN
|72| YAN, KAIJING, CN
|72| ZHU, YONGHONG, CN
|72| ZHANG, SHUNNAN, CN
|72| BAI, XIAOLIN, CN
|72| MA, XIAOHUI, CN
|72| HE, YI, CN
|72| LI, TING, CN
|72| LI, LEI, CN
|71| TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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|54| **METHODE POUR LA DETECTION DE CHLAMYDIA SUIS**
|72| VANROMPAY, DAISY, BE
|71| UNIVERSITEIT GENT, BE
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|54| **RECHERCHE EXPLORATOIRE**
|72| KLOUCHE, KHALIL, FI
|72| RUOTSALO, TUUKKA, FI
|72| JACUCCI, GIULIO, FI
|72| ANDOLINA, SALVATORE, FI
|71| UNIVERSITY OF HELSINKI, FI
|71| AALTO UNIVERSITY FOUNDATION, FI
|85| 2017-09-19
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|54| **PHARMACEUTICAL COMPOSITION CONTAINING SILIBININ AND RADIX PUERARIAE EXTRACT**
|54| **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILIBININE ET UN EXTRAIT DE RACINE DE PUERARIA**
|72| YAN, XIJUN, CN
|72| WU, NAIFENG, CN
|72| SUN, HE, CN
|72| YAN, KAIJING, CN
|72| ZHU, YONGHONG, CN
|72| MA, XIAOHUI, CN
|72| ZHANG, SHUNNAN, CN
|72| LI, CHANGWEN, CN
|72| BAI, XIAOLIN, CN
|72| LI, TING, CN
|72| LI, LEI, CN
|72| HE, YI, CN
|71| TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **SYSTEME D'ORGANE DE FIXATION A DOUBLE CHEMIN DE CHARGE**
[72] BUCHANAN, GRAEME, GB
[72] MCWALL, PATRICK, GB
[71] SHORT BROTHERS PLC, IE
[85] 2017-09-19
[86] 2016-03-08 (PCT/GB2016/050633)
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[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILYBINE**
[72] WU, NAIFENG, CN
[72] YAN, XIJUN, CN
[72] SUN, HE, CN
[72] YAN, KAIJING, CN
[72] ZHU, YONGHONG, CN
[72] ZHANG, SHUNNAN, CN
[72] BAI, XIAOLIN, CN
[72] HE, YI, CN
[72] MA, XIAOHUI, CN
[72] LI, TING, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **NOUVELLE UTILISATION DU FACTEUR VON WILLEBRAND**
[72] SUSEN, SOPHIE, FR
[72] VINCENTELLI, ANDRE, FR
[72] VAN BELLE, ERIC, FR
[72] RAUCH, ANTOINE, FR
[72] VINCENT, FLAVIEN, FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[71] CTRE HOSPITALIER UNIVERSITAIRE DE LILLE, FR
[71] UNIVERSITE LILLE 2 DROIT ET SANTE, FR
[85] 2017-09-19
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[54] **COMMUNICATION METHOD AND COMMUNICATIONS DEVICE**
[54] **PROCEDE DE COMMUNICATION ET DISPOSITIF DE COMMUNICATION**
[72] ZHANG, HONGPING, CN
[72] YAN, LE, CN
[72] WANG, XUEHUA, CN
[72] DAI, MINGZENG, CN
[72] GUO, YI, CN
[72] QIN, YILEI, CN
[72] CHEN, XIONGFEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **SECURITY DEVICE AND METHOD OF MANUFACTURE**
[54] **DISPOSITIF DE SECURITE ET PROCEDE DE FABRICATION**
[72] HOLMES, BRIAN WILLIAM, GB
[72] COMMANDER, LAWRENCE GEORGE, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2017-09-19
[86] 2016-03-10 (PCT/GB2016/050657)
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[30] GB (1504838.2) 2015-03-23

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[25] EN
[54] **PROCESS AND DEVICE FOR THE PRODUCTION OF A FIBRE-COMPOSITE MATERIAL**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UN MATERIAU COMPOSITE FIBREUX**
[72] BERLIN, MARK REINHARD, DE
[72] SONDERMANN, UDO, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-09-19
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[54] **MEASUREMENT SYSTEM AND METHODS**
[54] **PROCEDES ET SYSTEME DE MESURE**
[72] DEACON, PAUL, GB
[72] TAYLOR, KEITH, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2017-09-19
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[25] FR
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[54] **ARTICLE COMPRENANT UN SUPPORT ET UN ELEMENT DE MOTIF DECORATIF INCRUSTE DANS LE SUPPORT ET APPARENT**
[72] AIT GHERBI, MALIKA, FR
[71] AIT GHERBI, MALIKA, FR
[85] 2017-09-19
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[25] EN
[54] **PRODUCTION OF TERT-BUTYL ESTERS OF ALIPHATIC CARBOXYLIC ACIDS**
[54] **PRODUCTION DE TERT-BUTYLESTERS D'ACIDES CARBOXYLIQUES ALIPHATIQUES**
[72] HORSTMANN, CATHARINA, DE
[72] HECHLER, CLAUS, DE
[72] GRACKIEWICZ, GREGOR, DE
[72] SCHALL, BERND, DE
[71] BASF SE, DE
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[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESERVING INTERDEPENDENT CORPORATE DATA CONSISTENCY IN A GLOBALLY DISTRIBUTED ENVIRONMENT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE PRESERVER LA COHERENCE DE DONNEES D'ENTREPRISE INTERDEPENDANTES DANS UN ENVIRONNEMENT REPARTI GLOBALEMENT**
[72] DE SOUSA FELIX, TELMO INACIO, IE
[72] CRADDOCK, CIAN, IE
[72] O'REILLY, CONOR, IE
[71] D&B BUSINESS INFORMATION SOLUTIONS, IE
[85] 2017-09-19
[86] 2016-03-18 (PCT/IB2016/000463)
[87] (WO2016/151400)
[30] US (62/136,055) 2015-03-20

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[51] **Int.Cl. E21B 31/06 (2006.01) E21B 37/02 (2006.01)**
[25] EN
[54] **WELL TOOL**
[54] **OUTIL DE FORAGE**
[72] STANGELAND, JAN, NO
[71] NORSE OILTOOLS AS, NO
[85] 2017-09-19
[86] 2015-12-03 (PCT/EP2015/078476)
[87] (WO2016/155852)
[30] NO (20150391) 2015-03-31

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[51] **Int.Cl. A61K 31/19 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **A COMPOSITION FOR USE IN THE TREATMENT OF INTERVERTEBRAL MISALIGNMENT**
[54] **COMPOSITION A UTILISER POUR TRAITER UN DEFAUT D'ALIGNEMENT DE DISQUE INTERVERTEBRAL**
[72] OLMARKER, KJELL, SE
[71] STAYBLE THERAPEUTICS AB, SE
[85] 2017-09-19
[86] 2016-03-17 (PCT/EP2016/055868)
[87] (WO2016/150825)
[30] SE (1550338-6) 2015-03-20

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[51] **Int.Cl. F16D 65/56 (2006.01) F16D 65/18 (2006.01)**
[25] EN
[54] **DISC BRAKE FOR A UTILITY VEHICLE**
[54] **FREIN A DISQUE POUR VEHICULE UTILITAIRE**
[72] SCHOFBERGER, TOBIAS, DE
[72] FISCHER, RUDOLF, DE
[72] BALINT, PETER, DE
[72] KLINGNER, MATTHIAS, DE
[72] PESCHEL, MICHAEL, DE
[72] WEBER, RALF, DE
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
[85] 2017-09-19
[86] 2016-03-18 (PCT/EP2016/055908)
[87] (WO2016/150832)
[30] DE (10 2015 104 183.9) 2015-03-20

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[13] A1
[51] **Int.Cl. B66C 23/94 (2006.01) B66C 13/30 (2006.01) B66C 13/50 (2006.01) B66C 23/84 (2006.01)**
[25] EN
[54] **ROTARY CRANE AND METHOD FOR ORIENTING THE ROTARY CRANE**
[54] **GRUE TOURNANTE ET PROCEDE D'ORIENTATION D'UNE GRUE TOURNANTE**
[72] HAASE, RALF, DE
[71] GBF GESELLSCHAFT FUR BEMESSUNGSFORSCHUNG MBH, DE
[85] 2017-09-19
[86] 2016-03-18 (PCT/EP2016/056010)
[87] (WO2016/146827)
[30] DE (10 2015 104 148.0) 2015-03-19

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[51] **Int.Cl. C07D 407/04 (2006.01) A61K 31/357 (2006.01) A61P 29/00 (2006.01) A61Q 19/00 (2006.01) C07D 319/06 (2006.01)**
[25] EN
[54] **COMPOUNDS HAVING ANTIOXIDANT ACTIVITY AGAINST FREE RADICALS AND ANTI-INFLAMMATORY ACTIVITY, AND CORRESPONDING PHARMACEUTICAL OR COSMETIC COMPOSITIONS FOR SKIN CARE**
[54] **COMPOSES AYANT UNE ACTIVITE ANTIOXYDANTE A L'ENCONTRE DES RADICAUX LIBRES ET UNE ACTIVITE ANTI-INFLAMMATOIRE, ET COMPOSITIONS PHARMACEUTIQUES OU COSMETIQUES CORRESPONDANTES POUR LES SOINS DE LA PEAU**
[72] GIULIANI, GIAMMARIA, CH
[72] BENEDUSI, ANNA, IT
[72] MARZANI, BARBARA, IT
[72] BARONI, SERGIO, IT
[71] GIULIANI S.P.A., IT
[85] 2017-09-19
[86] 2016-03-23 (PCT/EP2016/056365)
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[30] IT (102015000009906) 2015-03-26

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER EPAISSE POUR TUYAU DE CONSTRUCTION, PROCEDE POUR LA PRODUCTION DE TOLE D'ACIER EPAISSE POUR TUYAU DE CONSTRUCTION ET TUYAU DE CONSTRUCTION**
[72] OTA, SHUSAKU, JP
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/001763)
[87] (WO2016/152170)
[30] JP (PCT/JP2015/001750) 2015-03-26

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[13] A1
[51] **Int.Cl. C22C 30/02 (2006.01) C22C 1/05 (2006.01) C25C 3/12 (2006.01)**
[25] FR
[54] **CERMET ELECTRODE MATERIAL**
[54] **MATERIAU CERMET D'ELECTRODE**
[72] BARTHELEMY, CHRISTIAN, FR
[72] MARMOTTANT, ARIANE, FR
[72] LAURENT, VERONIQUE, FR
[72] BOUVET, SYLVIE, FR
[72] STABROWSKI, VINCENT, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2017-09-19
[86] 2016-03-23 (PCT/IB2016/000445)
[87] (WO2016/156973)
[30] FR (15 00694) 2015-04-03

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[13] A1
[51] **Int.Cl. G21C 1/32 (2006.01) G21C 15/28 (2006.01)**
[25] EN
[54] **A NUCLEAR REACTOR, IN PARTICULAR A COMPACT LIQUID-METAL-COOLED NUCLEAR REACTOR**
[54] **REACTEUR NUCLEAIRE, EN PARTICULIER REACTEUR NUCLEAIRE COMPACT REFROIDI PAR DU METAL LIQUIDE**
[72] CINOTTI, LUCIANO, IT
[71] HYDROMINE NUCLEAR ENERGY S.A R.L., LU
[85] 2017-09-19
[86] 2016-03-17 (PCT/IB2016/051503)
[87] (WO2016/147139)
[30] IT (GE2015A000036) 2015-03-19

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER POUR TUBE DE CONSTRUCTION, PROCEDE DE FABRICATION DE TOLE D'ACIER POUR TUBE DE CONSTRUCTION, ET TUBE DE CONSTRUCTION**
[72] OTA, SHUSAKU, JP
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[72] YASUDA, KYONO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/001764)
[87] (WO2016/152171)
[30] JP (PCT/JP2015/001753) 2015-03-26

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/38 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER POUR TUYAUX DE STRUCTURE, PROCEDE DE PRODUCTION DE TUYAU DE STRUCTURE, ET TUYAU DE STRUCTURE**
[72] OTA, SHUSAKU, JP
[72] OTA, YOSHIAKI, JP
[72] KAKIHARA, SHINICHI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/001766)
[87] (WO2016/152173)
[30] JP (2015-065168) 2015-03-26

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[13] A1
[51] **Int.Cl. B01J 23/656 (2006.01) B01J 21/06 (2006.01) B01J 35/00 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 37/04 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **RUTHENIUM-RHENIUM-BASED CATALYST FOR THE SELECTIVE METHANATION OF CARBON MONOXIDE**
[54] **CATALYSEUR RUTHENIUM-RHENIUM DESTINE A LA METHANATION SELECTIVE DE MONOXYDE DE CARBONE**
[72] MILANOV, ANDRIAN, DE
[72] SCHWAB, EKKEHARD, DE
[72] HOFFMANN, MIKE, DE
[72] KOTREL, STEFAN, DE
[72] ALTWASSER, STEFAN, DE
[71] BASF SE, DE
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[86] 2016-03-23 (PCT/EP2016/056418)
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[30] EP (15161099.5) 2015-03-26

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[13] A1
[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/18 (2006.01) A24B 15/28 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A POUCHED SMOKELESS TOBACCO PRODUCT COMPRISING HEAT TREATMENT**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT DE TABAC SANS FUMEE EN DOSETTES COMPRENANT UN TRAITEMENT THERMIQUE**
[72] KINDVALL, MARTEN, SE
[72] ERIKSSON, HANS, SE
[71] SWEDISH MATCH NORTH EUROPE AB, SE
[85] 2017-09-19
[86] 2016-04-07 (PCT/EP2016/057618)
[87] (WO2016/162420)
[30] EP (15162774.2) 2015-04-08

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[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR DETECTING A MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN MATERIAU**
[72] KRUGEL, DANIEL RUDOLPH, ZA
[71] KRUGEL, DANIEL RUDOLPH, ZA
[85] 2017-09-19
[86] 2016-03-25 (PCT/IB2016/051704)
[87] (WO2016/151538)
[30] ZA (2015/02058) 2015-03-25

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[13] A1
[51] **Int.Cl. C08L 89/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANUFACTURE OF FOAM SHEETS RIGIDIZED WITH POLYMER INFILTRATION**
[54] **SYSTEME POUR LA FABRICATION DE FEUILLES EN MOUSSE RIGIDIFIEES PAR INFILTRATION POLYMERE**
[72] PERO, MICHAEL A., III, US
[71] PERO, MICHAEL A., III, US
[85] 2017-09-19
[86] 2016-03-10 (PCT/US2016/000022)
[87] (WO2016/153578)
[30] US (62/177,656) 2015-03-20
[30] US (62/172,059) 2015-06-06
[30] US (62/174,462) 2015-06-11

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/4178 (2006.01) A61K 31/5377 (2006.01) A61P 25/04 (2006.01) A61P 29/02 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **CYCLIC AMINE DERIVATIVE AND PHARMACEUTICAL USE THEREOF**
[54] **DERIVE D'AMINE CYCLIQUE ET SON UTILISATION A DES FINS MEDICALES**
[72] UDAGAWA, SHUJI, JP
[72] MORITA, YASUHIRO, JP
[72] IZUMIMOTO, NAOKI, JP
[72] ISEKI, KATSUHIKO, JP
[72] IWANO, SHUNSUKE, JP
[72] MIYOSHI, TOMOYA, JP
[72] OSADA, YUJI, JP
[72] KOREEDA, TETSURO, JP
[72] MURAKAMI, MASANORI, JP
[72] SHIRAKI, MOTOHIRO, JP
[72] TAKAHASHI, KEI, JP
[72] OSHIDA, KEIYU, JP
[72] HIGASHI, ERIKO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-09-19
[86] 2016-03-24 (PCT/JP2016/059298)
[87] (WO2016/152955)
[30] JP (2015-061248) 2015-03-24

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01) G05D 23/00 (2006.01)**
[25] EN
[54] **VAPORIZER FOR VAPORIZING AN ACTIVE INGREDIENT**
[54] **VAPORISATEUR POUR VAPORISER UN INGREDIENT ACTIF**
[72] RAICHMAN, YOSSEF, IL
[71] RAICHMAN, YOSSEF, IL
[85] 2017-09-19
[86] 2016-03-17 (PCT/IL2016/050293)
[87] (WO2016/147188)
[30] US (14/662,607) 2015-03-19

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[13] A1
[51] **Int.Cl. A23C 9/12 (2006.01) A23C 17/02 (2006.01) A23C 21/02 (2006.01)**
[25] EN
[54] **USE OF PHOSPHOLIPASE C**
[54] **UTILISATION DE LA PHOSPHOLIPASE C**
[72] SEIN, ARJEN, NL
[72] UIJEN, HENRIETTE MARIA WILHELMINA JACOBA CATHARINA, NL
[71] DSM IP ASSETS B.V., NL
[85] 2017-09-19
[86] 2016-04-13 (PCT/EP2016/058102)
[87] (WO2016/166149)
[30] EP (15163485.4) 2015-04-14

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[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) F16K 11/044 (2006.01) F24H 1/10 (2006.01)**
[25] EN
[54] **FLOW CONTROLLER AND A HOT WATER APPLIANCE PROVIDED THEREWITH**
[54] **REGULATEUR DE DEBIT ET APPAREIL A EAU CHAUDE MUNI DUDIT REGULATEUR**
[72] COOL, PETER JAN, NL
[71] INTERGAS HEATING ASSETS B.V., NL
[85] 2017-09-19
[86] 2016-03-21 (PCT/NL2016/050194)
[87] (WO2016/190730)
[30] NL (2014498) 2015-03-20
[30] NL (2015218) 2015-07-24

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[13] A1
[51] **Int.Cl. B05D 1/40 (2006.01) B05D 1/42 (2006.01) B05D 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING STRUCTURED SURFACES AND ARTICLES STRUCTURED IN SUCH A WAY**
[54] **PROCEDE DE REALISATION DE SURFACES STRUCTUREES ET OBJETS AINSI STRUCTURES**
[72] BECKER-WEIMANN, KLAUS, DE
[72] FANDREY, JENS, DE
[71] KLEBCHEMIE M. G. BECKER GMBH & CO. KG, DE
[85] 2017-09-19
[86] 2016-04-26 (PCT/EP2016/059267)
[87] (WO2016/174021)
[30] DE (10 2015 005 495.3) 2015-04-30

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[13] A1
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01) B01D 53/78 (2006.01) B01D 53/79 (2006.01) B01D 53/80 (2006.01)**
[25] EN
[54] **WET TYPE FLUE GAS DESULFURIZATION APPARATUS AND OPERATION METHOD OF THE SAME**
[54] **DISPOSITIF DE DESULFURATION PAR VOIE HUMIDE DE GAZ DE COMBUSTION ET PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF DE DESULFURATION PAR VOIE HUMIDE DE GAZ DE COMBUSTION**
[72] HONJO, SHINTARO, US
[72] INABA, NORIKAZU, US
[72] OKAMOTO, TAKUYA, JP
[72] HASHIMOTO, JUN, US
[72] KAMIYAMA, NAOYUKI, JP
[71] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/059690)
[87] (WO2016/158781)
[30] US (62/139,392) 2015-03-27

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[13] A1
[51] **Int.Cl. B42D 25/41 (2014.01) B42D 25/328 (2014.01) B42D 25/45 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **METHOD OF PROVIDING AN IMPRINTED SECURITY FEATURE**
[54] **PROCEDE D'INSTALLATION D'UNE CARACTERISTIQUE DE SECURITE IMPRIMEE**
[72] VAN DEN BERG, JAN, NL
[71] MORPHO B.V., NL
[85] 2017-09-19
[86] 2016-03-22 (PCT/NL2016/050197)
[87] (WO2016/153345)
[30] NL (2014520) 2015-03-25

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[13] A1
[51] **Int.Cl. C07D 311/04 (2006.01) A61K 31/122 (2006.01) A61K 31/352 (2006.01) A61P 35/00 (2006.01) C07C 49/86 (2006.01) C07D 311/22 (2006.01) C07D 311/82 (2006.01)**
[25] EN
[54] **PHENOL DERIVATIVES TO TREAT CANCER**
[54] **DERIVES DE PHENOL POUR TRAITER LE CANCER**
[72] DE PEDRO MONTEJO, NURIA, ES
[72] GONZALEZ MENENDEZ, VICTOR, ES
[72] CRESPO SUEIRO, GLORIA, ES
[72] PEREZ-VICTORIA MORENO DE BARREDA, IGNACIO, ES
[72] CAUTAIN, BASTIEN, ES
[72] VICENTE PEREZ, MARIA FRANCISCA, ES
[72] REYES BENITEZ, JOSE FERNANDO, ES
[72] GENILLOUD RODRIGUEZ, OLGA, ES
[72] GRINAN LISON, CARMEN, ES
[72] MARCHAL CORRALES, JUAN ANTONIO, ES
[71] FUNDACION MEDINA. CENTRO DE EXCELENCIA EN INVESTIGACION DE MEDICAMENTOS INNOVADORES EN ANDALUCIA, ES
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[87] (WO2016/174226)
[30] EP (15382217.6) 2015-04-30

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/395 (2006.01) A61K 31/555 (2006.01) A61K 51/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07B 59/00 (2006.01) C07D 255/02 (2006.01) C07D 257/02 (2006.01) C07F 1/08 (2006.01) C07F 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING NOVEL NITROGEN-CONTAINING COMPOUND OR SALT THEREOF AND MANUFACTURING INTERMEDIATE OF NOVEL NITROGEN-CONTAINING COMPOUND OR SALT THEREOF**
[54] **PROCEDE DE PRODUCTION D'UN NOUVEAU COMPOSE CONTENANT DE L'AZOTE OU D'UN SEL DE CE COMPOSE, ET PRODUIT INTERMEDIAIRE DE PRODUCTION CORRESPONDANT**
[72] FUKUNAGA, HIROFUMI, JP
[72] SHINJO, SACHIKO, JP
[72] NAKAGAWA, DAISUKE, JP
[72] SEKINE, SHINICHIRO, JP
[72] YAMAKAWA, TAKAYUKI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/059729)
[87] (WO2016/153054)
[30] JP (2015-062306) 2015-03-25

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[13] A1
[51] **Int.Cl. C12N 5/22 (2006.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **METHOD FOR INDUCING DIFFERENTIATION OF AIRWAY EPITHELIAL CELLS**
[54] **METHODE D'INDUCTION DE LA DIFFERENCIATION DES CELLULES EPITHELIALES DES VOIES AERIENNES**
[72] GOTOH, SHIMPEI, JP
[72] YAMAMOTO, YUKI, JP
[72] KONISHI, SATOSHI, JP
[72] MISHIMA, MICHIAKI, JP
[71] KYOTO UNIVERSITY, JP
[85] 2017-09-19
[86] 2016-03-18 (PCT/JP2016/059786)
[87] (WO2016/148307)
[30] JP (2015-056791) 2015-03-19

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[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **AGGREGATING HIGH VOLUMES OF TEMPORAL DATA FROM MULTIPLE OVERLAPPING SOURCES**
[54] **AGREGATION DE GROS VOLUMES DE DONNEES TEMPORELLES PROVENANT DE SOURCES MULTIPLES AVEC RECOUVREMENT**
[72] O'REILLY, CONOR, IE
[72] DE SOUSA FELIX, TELMO INACIO, IE
[72] CRADDOCK, CIAN, IE
[71] D&B BUSINESS INFORMATION SOLUTIONS, IE
[85] 2017-09-19
[86] 2016-03-17 (PCT/IB2016/000413)
[87] (WO2016/151397)
[30] US (62/135,982) 2015-03-20

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/17 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **PROVIDING COMMUNICATION BETWEEN WELLBORES THROUGH DIRECTIONAL HYDRAULIC FRACTURING**
[54] **MIE EN □UVRE D'UNE COMMUNICATION ENTRE PUITS DE FORAGE A TRAVERS LA FRACTURATION HYDRAULIQUE DIRECTIONNELLE**
[72] ALTHOFF, GARY D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-19
[86] 2015-05-14 (PCT/US2015/030881)
[87] (WO2016/182581)

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/48 (2006.01)**
[25] EN
[54] **POLYURETHANE SCREEN**
[54] **TAMIS EN POLYURETHANE**
[72] COLGROVE, JAMES R., US
[72] LIPA, ANTHONY J., US
[71] DERRICK CORPORATION, US
[85] 2017-09-19
[86] 2016-03-09 (PCT/US2016/021474)
[87] (WO2016/148993)
[30] US (14/663,037) 2015-03-19

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[13] A1
[51] **Int.Cl. E21B 10/573 (2006.01) E21B 10/633 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **DRILL BIT CUTTERS AND CUTTER ASSEMBLIES**
[54] **DISPOSITIFS DE COUPE DE TREPAN DE FORAGE ET ENSEMBLES DE COUPE**
[72] SAINI, GAGAN, US
[72] BRYSON, ALAN CAMPBELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-19
[86] 2015-06-24 (PCT/US2015/037450)
[87] (WO2016/209228)

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[13] A1
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[54] **SYSTEMES ET PROCEDES POUR ESTIMATION D'ETAT SANS CAPTEUR, ESTIMATION DE PERTURBATION, ET ADAPTATION DE MODELE POUR DES SYSTEMES DE FORAGE ORIENTABLES ROTATIFS**
[72] VADALI, VENKATA MADHUKANTH, US
[72] DYKSTRA, JASON D., US
[72] GE, XIAOQING, US
[72] XUE, YUZHEN, US
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[54] **TECHNIQUES D'AUTORISATION ET DE PERSONNALISATION DE MESSAGES SOCIAUX**
[72] DONG, WENLONG, US
[72] MA, XUELI E., US
[72] CHEN, WEITAO, US
[72] GUANG, LEI, US
[71] FACEBOOK, INC., US
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[54] **SYSTEMS AND METHODS FOR IMPROVING OPERATION OF PULSE COMBUSTORS**
[54] **SYSTEMES ET PROCEDES D'AMELIORATION DU FONCTIONNEMENT DE CHAMBRES DE COMBUSTION A PULSATION**
[72] MAQBOOL, DAANISH, US
[71] NORTH AMERICAN WAVE ENGINE CORPORATION, US
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[54] **PROCEDE DE FABRICATION D'UN SYSTEME ACTIONNE OPTIQUEMENT**
[72] SOJKA, MILAN FRANZ, US
[72] STANGANELLI, KERRI, US
[71] ELC MANAGEMENT LLC, US
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[54] **SYSTEMS AND METHODS FOR ANTI-PHASE OPERATION OF PULSE COMBUSTORS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE CHAMBRES DE COMBUSTION A PULSATION EN OPPOSITION DE PHASE**
[72] MAQBOOL, DAANISH, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[71] MAQBOOL, DAANISH, US
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[72] WOUTERS, THOMAS, US
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[72] MCSHANE, FRANCIS PAUL, US
[71] CITY ELECTRIC SUPPLY CO., US
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[54] **ENCEINTE D'INCUBATION**
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[72] GOMES, JOSH, US
[72] HINOJOSA, CHRISTOPHER DAVID, US
[72] LEVNER, DANIEL, US
[72] SABIN, DOUG, US
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[54] **DISPOSITIFS GONIOSCOPIQUES**
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[72] BURNS, THOMAS W., US
[72] CALCATERRA, CHRIS, US
[72] COLLINS, EDWARD, US
[72] MCCAULEY, TIMOTHY, US
[72] HAFFNER, DAVID S., US
[72] HENDERSON, STEVEN M., US
[71] GLAUKOS CORPORATION, US
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[54] **ASPIRATEUR SUR COUSSIN D'AIR**
[72] ALTON, JAMES R., US
[71] CHINA MANUFACTURING AND BROKERAGE, INC., US
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[54] **PROCEDES DE TRAITEMENT D'UNE MALADIE HEPATIQUE AU MOYEN DE DERIVES D'ACIDE INDANE-ACETIQUE**
[72] DIDSBURY, JOHN ROBERT, US
[71] T3D THERAPEUTICS, INC., US
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[54] **ASSOCIATION D'UN INHIBITEUR DE L'HISTONE DESACETYLASE (HDAC) AVEC UN ANTICORPS ANTI-PD-1 POUR LE TRAITEMENT DU CANCER**
[72] GOODENOW, ROBERT, US
[72] ORDENTLICH, PETER, US
[71] SYNDAX PHARMACEUTICALS, INC., US
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[54] **COMPOSITION ADHESIVE THERMOFUSIBLE ET SON UTILISATION**
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[72] DESAI, DARSHAK R., US
[72] CHEN, JINYU, US
[72] SHARAK, MATTHEW L., US
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[54] **APPAREIL D'INSTALLATION DE TUBE DE FILTRAGE**
[72] GATHMAN, TRAVIS, US
[71] GATHMAN, TRAVIS, US
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[54] **SYSTEME DE MONTAGE POUR CARTE DE CIRCUIT IMPRIME (PCB) RESISTANTE AUX CHOCS MECANIQUES**
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[71] AEROVIRONMENT, INC., US
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[54] **CONNECTEURS POUR BARRE OMNIBUS SOUPLE ET PROCEDES DE CONNEXION**
[72] CASTONGUAY, KEVIN NORMAND, US
[72] TROMBLEY, LOGAN MICHAEL, US
[72] MONTMINY, ARMAND THOMAS, US
[72] ROBICHEAU, RICHARD E., US
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[54] **VEHICULE AYANT DE MULTIPLES DISPOSITIFS DE DETECTION ET TELEMETRIE PAR LA LUMIERE (LIDARS)**
[72] GRUVER, DANIEL, US
[72] DROZ, PIERRE-YVES, US
[72] PENNECOT, GAETAN, US
[72] LEVANDOWSKI, ANTHONY, US
[72] ULRICH, DREW EUGENE, US
[72] MORRISS, ZACHARY, US
[72] WACHTER, LUKE, US
[72] IORDACHE, DOREL IONUT, US
[72] PARDHAN, RAHIM, US
[72] MCCANN, WILLIAM, US
[72] FIDRIC, BERNARD, US
[72] LENIUS, SAMUEL WILLIAM, US
[72] AVRAM, PETER, US
[71] WAYMO LLC, US
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[54] **VENTILATOR WITH INTEGRATED COUGH-ASSIST**
[54] **VENTILATEUR A ASSISTANCE A LA TOUX INTEGREE**
[72] DEVRIES, DOUGLAS F., US
[72] GOOD, DAVID M., US
[72] GAW, SHAN E., US
[72] CIPOLLONE, JOSEPH, US
[72] BRANSON, RICHARD, US
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[54] **DISPOSITIF DE DESACCOUPLEMENT ISOLANT**
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[71] GATES CORPORATION, US
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[72] MORROW, MATTHEW, US
[72] WISE, MEGAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **APPAREIL DE FORAGE DIRIGE A AUTOREGLAGE ET PROCEDES DE FORAGE DE PUITS DEVIES**
[72] PETERS, VOLKER, DE
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **VEHICLE MONITORING DEVICES, VEHICLE MONITORING MANAGEMENT DEVICES, AND VEHICLE MONITORING SYSTEMS**
[54] **DISPOSITIFS DE SURVEILLANCE DE VEHICULE, DISPOSITIFS DE GESTION DE SURVEILLANCE DE VEHICULE, ET SYSTEMES DE SURVEILLANCE DE VEHICULE**
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[71] AUTOMAP, LLC, US
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[54] **PROCEDES ET SYSTEMES POUR EMPECHER LA CONTAMINATION DE VEHICULES D'URGENCE**
[72] TROTTA, FREDERICK J., US
[72] HORTON, KENNETH R., US
[72] GUERCIA, LEONARD, US
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[72] MYERS, ANDREW G., US
[72] SEIPLE, IAN BASS, US
[72] ZHANG, ZIYANG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **COMPOSITIONS CONTENANT DES TISSUS MENISCAUX ET LEURS UTILISATIONS**
[72] DANILKOVITCH, ALLA, US
[72] KUANG, JINQIANG, US
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[71] OSIRIS THERAPEUTICS, INC., US
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[71] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[54] **SYSTEME DE GUIDAGE ET DE SURVEILLANCE ACOUSTIQUE AMELIORE**
[72] MANSFIELD, JEFFREY, US
[72] LYONS, LAURA, US
[72] SCHREIBER, SVEN, US
[72] GUNN, DAVID, US
[72] BUMGARDNER, THOMAS, US
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[54] **SELF-COOLING FOOD OR BEVERAGE CONTAINER HAVING A HEAT EXCHANGE UNIT USING LIQUID CARBON DIOXIDE AND HAVING A DUAL FUNCTION VALVE**
[54] **RECIPIENT AUTO-REFRIGERANT POUR ALIMENT OU BOISSON AYANT UNE UNITE D'ECHANGE DE CHALEUR UTILISANT DU DIOXYDE DE CARBONE LIQUIDE ET COMPORTANT UN CLAPET A DOUBLE FONCTION**
[72] SILLINCE, MARK, GB
[71] JOSEPH COMPANY INTERNATIONAL, INC., US
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[72] DENGKE, CAI, US
[72] JURKOVIC, PAUL J., US
[72] SALPIETRA, THOMAS G., US
[71] EYE LIGHTING INTERNATIONAL OF NORTH AMERCIA, INC., US
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[72] DO, THAI, US
[71] ARCONIC INC., US
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[54] **ELEVATION ANGLE ESTIMATING DEVICE AND METHOD FOR USER TERMINAL PLACEMENT**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION D'ANGLE D'ELEVATION POUR UN PLACEMENT DE TERMINAL D'UTILISATEUR**
[72] NI, MELVIN S., US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-19
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[54] **ARTIFICIAL SALIVARY GLAND**
[54] **GLANDE SALIVAIRE ARTIFICIELLE**
[72] ADAMS, DOUGLAS J., US
[72] FREILICH, MARTIN ALLEN, US
[72] KELLY, JOHN ROBERT, US
[71] UNIVERSITY OF CONNECTICUT, US
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[25] EN
[54] **ALIGNMENT AND VARIANT SEQUENCING ANALYSIS PIPELINE**
[54] **SUITE LOGICIELLE D'ALIGNEMENT ET D'ANALYSE DE SEQUENCAGE DE VARIANT**
[72] ELZINGA, CHRISTOPHER, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[85] 2017-09-19
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[54] **SELF ASSEMBLING MOLECULES FOR TARGETED DRUG DELIVERY**
[54] **MOLECULES A AUTO-ASSEMBLAGE POUR L'ADMINISTRATION CIBLEE DE MEDICAMENTS**
[72] ELMALEH, DAVID R., US
[72] TAKAHASHI, KAZUE, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[25] EN
[54] **ELEVATION ANGLE ESTIMATING SYSTEM AND METHOD FOR USER TERMINAL PLACEMENT**
[54] **SYSTEME ET PROCEDE D'ESTIMATION D'ANGLE D'ELEVATION POUR PLACEMENT DE TERMINAL UTILISATEUR**
[72] NI, MELVIN S., US
[71] WORLDVU SATELLITES LIMITED, US
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[54] **FIELD SPECIALIZATION SYSTEMS AND METHODS FOR IMPROVING PROGRAM PERFORMANCE**
[54] **SYSTEMES ET PROCEDES DE SPECIALISATION DE CHAMP POUR AMELIORER LA PERFORMANCE D'UN PROGRAMME**
[72] SNODGRASS, RICHARD T., US
[72] DEBRAY, SAUMYA K., US
[72] ZHANG, RUI, US
[72] THOMAS, STEPHEN, CA
[72] MASON, SEAN, US
[71] DATAWARE VENTURES, LLC, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
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[54] **FAN BLADE SURFACE FEATURES**
[54] **ELEMENTS DE SURFACE DE PALE DE VENTILATEUR**
[72] SCHILLING, HUGH, US
[72] HENNESSY, DAVID R., US
[72] CAHILL, KEVIN, US
[71] HORTON, INC., US
[85] 2017-09-19
[86] 2016-04-07 (PCT/US2016/026359)
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[25] EN
[54] **TENSION HEAD WITH TENSION WHEEL CAM BIASING ELEMENT FOR MODULAR STEEL STRAPPING MACHINE**
[54] **TETE DE TENSION AVEC ELEMENT DE PRECONTRAINTE DE CAME DE ROUE DE TENSION POUR MACHINE DE CERCLAGE D'ACIER MODULAIRE**
[72] ELLIOTT, DUSTIN D., US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
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[54] **DISPOSITIF ET PROCEDES DE VISION NOCTURNE**
[72] KLEIN, AVNER, AU
[71] KLEIN, AVNER, AU
[85] 2017-09-20
[86] 2015-03-23 (PCT/AU2015/050124)
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[54] **SYSTEMS AND METHODS FOR CONTROLLING REFRIGERATION CYCLES**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE CYCLES DE REFRIGERATION**
[72] KHALILI, KAVEH, US
[72] ROCKENFELLER, UWE, US
[71] ROCKY RESEARCH, US
[85] 2017-09-19
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[54] **LIGHTWEIGHT, HIGH FLOW HOSE ASSEMBLY AND METHOD OF MANUFACTURE**
[54] **ENSEMBLE TUYAU SOUPLE ET LEGER A HAUT DEBIT ET PROCEDE DE FABRICATION**
[72] BLANCHETTE, GIL, US
[72] MELO, MICHAEL, US
[72] CORREA, STEVE, US
[72] CHAPMAN, TIMOTHY L., US
[72] VAN BEEK, MARLON, US
[72] PARKER, JOHN W., US
[72] BURKE, PAUL, US
[72] EILERTSON, RON, US
[71] TEKNOR APEX COMPANY, US
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[54] **ENERGY-EFFICIENT INTEGRATED LIGHTING, DAYLIGHTING, AND HVAC WITH CONTROLLED WINDOW BLINDS**
[54] **ECLAIRAGE, ECLAIRAGE NATUREL ET HVAC INTEGRES ECONOMES EN ENERGIE A L'AIDE DE STORES COMMANDES**
[72] CASCIA, MARK A., US
[71] SIEMENS INDUSTRY, INC., US
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[54] **APPARATUS AND METHOD FOR LIFTING HEAVY MACHINERY**
[54] **APPAREIL ET PROCEDE DE LEVAGE DE MATERIEL LOURD**
[72] BELLEY, ROBIN, CA
[72] BELLEY, CHRISTIAN, CA
[72] BEDARD, DANIEL, CA
[71] 3991814 CANADA INC., CA
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[54] **SECURITY ELEMENT**
[54] **ELEMENT DE SECURITE**
[72] MESSA, GIANLUCA, DE
[71] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
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[54] **AXLE-COUNTING METHOD AND AXLE-COUNTING DEVICE**
[54] **PROCEDE DE COMPTAGE D'ESSIEUX ET DISPOSITIF DE COMPTAGE D'ESSIEUX**
[72] OLDEWURTEL, KASSEN, DE
[72] KLEMM, RAINER, DE
[72] MULLER, MATHIAS, DE
[71] THALES DEUTSCHLAND GMBH, DE
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[25] EN
[54] **CYCLICAL STEAM INJECTION PROCESS AND EQUIPMENT WITH WATER SEAL FOR THERMAL PROTECTION CASING AND PNEUMATIC ARTIFICIAL LIFT FOR PRODUCED OIL**
[54] **PROCEDE D'INJECTION CYCLIQUE DE VAPEUR ET EQUIPEMENT A JOINT HYDRAULIQUE POUR BOITIER DE PROTECTION THERMIQUE ET ELEVATEUR ARTIFICIEL PNEUMATIQUE POUR HUILE PRODUITE**
[72] FRANCO, ZADSON DE ALMEIDA, BR
[71] ENGEPET EMPRESA DE ENGENHARIA DE PETROLEO LTDA, BR
[85] 2017-09-20
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[54] **MODULAR INFRASTRUCTURE FOR AN INTERACTIVE COMPUTER PROGRAM**
[54] **INFRASTRUCTURE MODULAIRE POUR UN PROGRAMME INFORMATIQUE INTERACTIF**
[72] IRELAND, ALEXANDER, CA
[71] CAE INC., CA
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[86] 2015-03-31 (PCT/CA2015/000199)
[87] (WO2016/154706)
[30] US (14/675,041) 2015-03-31
[30] US (14/674,636) 2015-03-31
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[54] **PORTION PACK FOR PREPARING BEVERAGES**
[54] **EMBALLAGE-PORTION POUR LA PREPARATION DE BOISSONS**
[72] AUS DER FUNTEN, SANDRA, DE
[72] PAHNKE, JAN, DE
[71] MELITTA SINGLE PORTIONS GMBH & CO. KG, DE
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[86] 2016-03-07 (PCT/EP2016/054788)
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[30] DE (10 2015 107 817.1) 2015-05-19

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[51] **Int.Cl. G02B 23/12 (2006.01) H04N 19/597 (2014.01) G02B 27/01 (2006.01) G06F 19/00 (2011.01) G09G 5/06 (2006.01) H04N 13/02 (2006.01)**
[25] EN
[54] **NIGHT VISION DETECTION ENHANCEMENTS IN A DISPLAY SYSTEM**
[54] **AMELIORATIONS APPORTEES A LA DETECTION D'UNE VISION NOCTURNE DANS UN SYSTEME D'AFFICHAGE**
[72] LASNIER, SYLVAIN, CA
[71] CAE INC., CA
[85] 2017-09-20
[86] 2015-03-31 (PCT/CA2015/000208)
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[54] **METABOLOMICS PROFILING OF CENTRAL NERVOUS SYSTEM INJURY**
[54] **PROFIL METABOLOMIQUE D'UNE LESION DU SYSTEME NERVEUX CENTRAL**
[72] FRASER, DOUGLAS DALE, CA
[72] BARTHA, ROBERT, CA
[72] BROWN, ARTHUR, CA
[72] STEWART, TANYA CHARYK, CA
[72] DALEY, MARK, CA
[72] DEKABAN, GREG A., CA
[72] DOHERTY, TIMOTHY, CA
[72] FISCHER, LISA, CA
[72] HOLMES, JEFF, CA
[72] MENON, RAVI, CA
[72] RUPAR, TONY, CA
[72] SHOEMAKER, J. KEVIN, CA
[71] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA
[85] 2017-09-20
[86] 2016-03-18 (PCT/CA2016/050310)
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[54] **PORTABLE PIPE LATHE AND METHOD**
[54] **TOUR A TUYAU PORTABLE ET PROCEDE**
[72] KARPACHEVSKYY, TARAS, CA
[71] SHAWCOR LTD. SHAWCOR LTEE, CA
[85] 2017-09-20
[86] 2015-05-29 (PCT/CA2015/050498)
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[51] **Int.Cl. G09B 9/00 (2006.01) G09B 19/00 (2006.01)**
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[54] **SYSTEMS AND METHODS OF ULTRASOUND SIMULATION**
[54] **SYSTEMES ET PROCEDES DE SIMULATION ULTRASONORE**
[72] AGUILAR, LUIS, CA
[72] STEINMAN, DAVID, CA
[72] COBBOLD, RICHARD SOUTHWELL CHEVALLIER, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **APPLICATOR FOR SUPERFICIAL CORNEAL MEDICAMENTS**
[54] **APPLICATEUR POUR MEDICAMENTS CORNEENS SUPERFICIELS**
[72] LIN, DAVID TAT-CHI, CA
[72] LIN, STEPHANIE LEI-CHING, CA
[71] 1039578 B.C. LTD., CA
[85] 2017-09-20
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[51] **Int.Cl. C07D 231/20 (2006.01) A01N 43/56 (2006.01) A01P 13/00 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **PYRAZOLE COMPOUNDS OR SALTS THEREOF, PREPARATION METHODS THEREFOR, HERBICIDAL COMPOSITIONS AND USE THEREOF**
[54] **COMPOSE DE PYRAZOLE OU SON SEL, SON PROCEDE DE PREPARATION, COMPOSITION HERBICIDE ET SON UTILISATION**
[72] LIAN, LEI, CN
[72] ZHENG, YURONG, CN
[72] PENG, XUEGANG, CN
[72] JIN, TAO, CN
[72] CUI, QI, CN
[72] LI, SONG, CN
[71] QINGDAO KINGAGROOT CHEMICAL COMPOUNDS CO., LTD, CN
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[25] EN
[54] **MULTIFACTOR EYE POSITION IDENTIFICATION IN A DISPLAY SYSTEM**
[54] **IDENTIFICATION MULTIFACTORIELLE DE POSITION DES YEUX DANS UN SYSTEME D'AFFICHAGE**
[72] MAZ, EMMANUEL, CA
[71] CAE INC., CA
[85] 2017-09-20
[86] 2015-03-31 (PCT/CA2015/000207)
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[54] **ARN NON CODANTS LONGS S'EXPRIMANT DANS LES PERICYTES**
[72] ZEHENDNER, CHRISTOPH MICHAEL, DE
[72] DIMMELER, STEFANIE, DE
[72] ZEHIER, ANDREAS, DE
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN, DE
[85] 2017-09-20
[86] 2016-03-18 (PCT/EP2016/056013)
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[25] EN
[54] **METHOD FOR THE DECONTAMINATION AND DISINFECTION OF A TRANSPORT VEHICLE, AND CONTROL DEVICE FOR SAID DECONTAMINATION**
[54] **METHODE DE DECONTAMINATION ET DESINFECTION D'UN VEHICULE DE TRANSPORT ET DISPOSITIF DE CONTROLE DE LADITE DECONTAMINATION**
[72] CASTANE BASAGANA, SEBASTIAN, ES
[71] CASTANE BASAGANA, SEBASTIAN, ES
[85] 2017-09-20
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[30] ES (P201530422) 2015-03-30
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[54] **UNIT DOSE PACKAGE**
[54] **EMBALLAGE DE DOSE UNITAIRE**
[72] EVERS, MARKUS, DE
[72] EBERHARDT, ALEXANDRA, DE
[72] GRUTZNER, ERNST ANDREAS, DE
[72] MATT, NICOLE, DE
[72] WEBER, TILLMANN, DE
[72] POHLE, SVEN, DE
[72] ELSNER, OLIVER, DE
[72] FIK, CHRISTOPH P., CH
[71] DENTSPLY DETREY GMBH, DE
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[54] **REVETEMENTS ETIRABLES**
[72] KRITZINGER, JOHANNES, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] LARSSON, MIKAEL, SE
[72] RAGNARSSON, MICAEL, SE
[71] OMYA INTERNATIONAL AG, CH
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[54] **ANTI-CEACAM6 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CEACAM6 ET LEURS UTILISATIONS**
[72] WILLUDA, JORG, DE
[72] TRAUTWEIN, MARK, DE
[72] GRITZAN, UWE, DE
[72] FREIBERG, CHRISTOPH, DE
[72] DITTMER, FRANK, DE
[72] SCHONFELD, DORIAN, DE
[72] GLUCK, JULIAN, MARIUS, DE
[72] BRUDER, JESSICA, DE
[72] SCHLECKER, EVA-MARIA, DE
[72] GOLFIER, SVEN, DE
[72] HOLTON, SIMON, DE
[72] BECKHOVE, PHILIP, DE
[72] GE, YINGZI, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **MICROBIOLOGICAL PRODUCTION OF SHORT FATTY ACIDS AND USES THEREOF**
[54] **PRODUCTION MICROBIOLOGIQUE D'ACIDES GRAS A CHAINE COURTE ET UTILISATIONS ASSOCIEES**
[72] GRININGER, MARTIN, DE
[72] GAJEWSKI, JAN, DE
[72] BOLES, ECKARD, DE
[72] PAVLOVIC, RENATA, DE
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN, DE
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[54] **SYSTEME DE MESURE ET PROCEDE POUR INTERROGER DES CAPTEURS OPTIQUES BIREFRINGENTS AVEC UN INTERROGATEUR A SOURCE A BALAYAGE DE FREQUENCE**
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[72] MELNICK, ARI, US
[72] ORTEGA MOLINA, ANA, US
[72] BOSS, ISAAC, US
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[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION DANS LA PREVENTION OU LE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] BRIAS, JULIE, FR
[72] CHASSET, SOPHIE, FR
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[72] LECOINTE, NICOLAS, FR
[72] LEDOUSSAL, BENOIT, FR
[72] LE STRAT, FREDERIC, FR
[72] VOMSCHEID, SOPHIE, FR
[72] RICHARD, SEBASTIEN, FR
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[72] BARBION, JULIEN, FR
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[54] **PROCEDE DE JARDINAGE INTERIEUR HYDROPONIQUE**
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[54] **DISPOSITIF SOLAIRE DE PRODUCTION AUTONOME DE FROID PAR SORPTION SOLIDE-GAZ**
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[72] MAURAN, SYLVAIN, FR
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[72] HOFFMANN, WALTER, DE
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[72] GAINCHE, PHILIPPE, DE
[72] OBERT, MIKE, DE
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[54] **A SULPHUR CONTAINING ADDITIVE FOR MAKING BITUMEN PAVING MIXTURES**
[54] **ADDITIF CONTENANT DU SOUFRE POUR LA FABRICATION DE MELANGES DE PAVAGE DE BITUME**
[72] JASRA, RAKSH VIR, IN
[72] MURTHY, NAGARATHINAM SHENBAGA, IN
[72] TALATI, MAYUR NAVINCHANDRA, IN
[72] JOHN, LINTOAN, IN
[72] POTHURU, SRINIVASARAO, IN
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[72] SIDHPURIA, KALPESHKUMAR BHIKHUBHAI, IN
[72] NIWATE, YOGESH SURESH, IN
[72] KUMAR, PRAKASH, IN
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[54] **NŒUD DE RESEAU, DISPOSITIF D'UTILISATEUR, ET PROCEDES ASSOCIES**
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[72] HANLON, STEVEN PAUL, CH
[72] IDING, HANS, CH
[72] PAVLIDIS, IOANNIS, DE
[72] SPURR, PAUL, CH
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[72] BERNTSEN, MARTIJN XANDER, NL
[72] SINNEMA, JURJEN, NL
[72] KLEEFSTRA, MARTIJN, NL
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT A L'OZONE EN CONTINU DE PRODUITS DIVISES COMPRENANT DES MOYENS DE CONVOYAGE ET DE VIBRATION DES PRODUITS**
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[54] **ADDITIF A BASE DE SOUFRE POUR SUPPRIMER LES EMISSIONS DE SULFURE D'HYDROGENE DE L'ASPHALTE DILUE AU SOUFRE**
[72] JASRA, RAKSH VIR, IN
[72] NIWATE, YOGESH SURESH, IN
[72] GOPALAKRISHNAN, KALPANA, IN
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[72] LANNER, DANIEL, SE
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[71] 8801541 CANADA INC., CA
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[72] ZHANG, YANFENG, CN
[72] ZHANG, LIANG, CN
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[54] **METHOD FOR RECOVERING CALCIUM-CONTAINING SOLID COMPONENT FROM STEELMAKING SLAG AND RECOVERED SOLID COMPONENT**
[54] **PROCEDE DE RECUPERATION DE CONSTITUANT SOLIDE CONTENANT DU CALCIUM A PARTIR DE LAITIER DE FABRICATION D'ACIER ET CONSTITUANT SOLIDE RECUPERE**
[72] FUKUI, YASUSHI, JP
[72] ASABA, AKIHIRO, JP
[72] MATSUO, SHOICHI, JP
[72] YAMAMOTO, MASAYA, JP
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[54] **DEVICE AND METHOD FOR PROCESSING OF RESIDUAL VALUES WHEN CONTROLLING A SENSOR**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT DES VALEURS RESIDUELLES LORS DU CONTROLE D'UN CAPTEUR**
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[54] **METHOD FOR PRODUCING HOLLOW STABILIZER**
[54] **PROCEDE DE FABRICATION D'UN STABILISATEUR CREUX**
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[72] TAKAHASHI, KEN, JP
[72] SUGAWARA, MASATO, JP
[72] OKADA, HIDEKI, JP
[71] NHK SPRING CO., LTD., JP
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[54] **THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER EPAISSE POUR TUBE DE CONSTRUCTION, PROCEDE DE FABRICATION DE TOLE D'ACIER EPAISSE POUR TUBE DE CONSTRUCTION, ET TUBE DE CONSTRUCTION**
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[72] OTA, SHUSAKU, JP
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[54] **COMBINATION WEIGHING DEVICE**
[54] **DISPOSITIF DE PESAGE COMBINE**
[72] TAKAYANAGI, KAZUO, JP
[72] KIKUCHI, KOUHEI, JP
[71] YAMATO SCALE CO., LTD., JP
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[25] FR
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[54] **REDUCTEUR DE VITESSE A DEUX LIGNES INTERMEDIAIRES DE TRANSMISSION**
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[54] **HEAT SEALED PACKAGING ASSEMBLIES AND METHODS OF PRODUCING AND USING THE SAME**
[54] **ENSEMBLES D'EMBALLAGE THERMOSOUDES ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] MCDONALD, JOHN, US
[72] COMERFORD, FRANK, US
[72] COMERFORD, MYLES, US
[71] MCDONALD, JOHN, US
[71] COMERFORD, FRANK, US
[71] COMERFORD, MYLES, US
[85] 2017-09-20
[86] 2015-03-19 (PCT/US2015/021497)
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[51] **Int.Cl. G01J 5/00 (2006.01)**
[25] EN
[54] **METHOD OF MEASURING CARBONATION LEVELS IN OPEN-CONTAINER BEVERAGES**
[54] **PROCEDE DE MESURE DES TAUX DE CARBONATATION DANS DES BOISSONS EN CONTENANT OUVERT**
[72] BAKHAREV, ALEKSEY, US
[72] MOISE, HERRIOT, US
[72] ZHENG, MIN FENG, US
[71] PEPSICO, INC., US
[85] 2017-09-20
[86] 2016-03-31 (PCT/US2016/025229)
[87] (WO2016/161091)
[30] US (14/678,258) 2015-04-03

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[51] **Int.Cl. F16L 9/02 (2006.01)**
[25] EN
[54] **BUCKLING PATTERN STEEL PIPE**
[54] **TUYAU D'ACIER A MOTIF DE FLAMBAGE**
[72] HASEGAWA, NOBUHIRO, JP
[72] IMAI, TOSHIO, JP
[72] NAGAMINE, HIROSHI, JP
[72] NAKAZONO, HAYATO, JP
[71] JFE ENGINEERING CORPORATION, JP
[85] 2017-09-20
[86] 2015-05-15 (PCT/JP2015/064070)
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[13] A1
[51] **Int.Cl. C07C 57/13 (2006.01) C08F 4/32 (2006.01) C08K 5/14 (2006.01) C09B 11/00 (2006.01)**
[25] EN
[54] **COLORED ORGANIC PEROXIDE COMPOSITIONS**
[54] **COMPOSITIONS DE PEROXYDE ORGANIQUE COLOREES**
[72] DESPOTOPOULOU, MARINA, US
[72] SWAN, SCOT A., US
[72] PALYS, LEONARD H., US
[72] BRENNAN, JOSEPH M., US
[72] ABRAMS, MICHAEL B., US
[72] SCHWARTZ, SCOTT J., US
[71] ARKEMA INC., US
[85] 2017-09-20
[86] 2016-03-10 (PCT/US2016/021654)
[87] (WO2016/153791)
[30] US (62/137,885) 2015-03-25

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[51] **Int.Cl. F16K 5/00 (2006.01) F16K 5/02 (2006.01) F16K 5/08 (2006.01)**
[25] EN
[54] **SELF-CLEANING DOUBLE BLOCK AND BLEED VALVE**
[54] **VANNE A DOUBLE ISOLEMENT ET PURGE AUTO-NETTOYANTE**
[72] PATIL, KIRAN, IN
[72] WAYCHAL, SHRIKANT, IN
[72] SANKPAL, VIJAY, IN
[71] OMNI VALVE COMPANY, LLC, US
[85] 2017-09-20
[86] 2015-04-14 (PCT/US2015/025721)
[87] (WO2016/167746)

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[51] **Int.Cl. C22B 23/00 (2006.01) B22F 9/26 (2006.01) C22B 3/08 (2006.01) C22B 3/26 (2006.01)**
[25] EN
[54] **COBALT POWDER PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE COBALT**
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] DOI, YASUO, JP
[72] IKEDA, OSAMU, JP
[72] YAMAGUMA, RYOMA, JP
[72] KUDO, YOHEI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-09-20
[86] 2016-03-16 (PCT/JP2016/058384)
[87] (WO2016/152690)
[30] JP (2015-059760) 2015-03-23

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[51] **Int.Cl. A47J 37/07 (2006.01) A47J 37/04 (2006.01)**
[25] EN
[54] **COOKING ASSEMBLY**
[54] **ENSEMBLE DE CUISSON**
[72] BROWN, COREY JOHN MURRAY, BS
[71] BROWN, COREY JOHN MURRAY, BS
[85] 2016-09-12
[86] 2014-02-20 (PCT/IB2014/059124)
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[30] US (13/843,665) 2013-03-15

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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SAFETY SYRINGE**
[54] **SYSTEME ET PROCEDE POUR SERINGUE DE SECURITE**
[72] SHLUZAS, ALAN E., US
[72] DIAZ, STEPHEN H., US
[72] SHANLEY, JOHN F., US
[72] TILLACK, JEFF, US
[72] THAYER, DAN, US
[72] STEESE-BRADLEY, GARY, US
[71] CREDENCE MEDSYSTEMS INC., US
[85] 2017-09-20
[86] 2015-04-24 (PCT/US2015/027670)
[87] (WO2015/164839)
[30] US (61/984,033) 2014-04-24
[30] US (62/014,035) 2014-06-18
[30] US (62/059,110) 2014-10-02
[30] US (62/105,717) 2015-01-20
[30] US (62/117,672) 2015-02-18
[30] US (62/150,761) 2015-04-21

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[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **WEARABLE DEVICES CONFIGURED TO SUPPORT MEASUREMENT AND TRANSMISSION APPARATUS**
[54] **DISPOSITIFS POUVANT ETRE PORTES CONFIGURES DE FACON A PRENDRE EN CHARGE LA MESURE ET APPAREIL DE TRANSMISSION**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
[85] 2017-09-20
[86] 2016-03-30 (PCT/US2016/025000)
[87] (WO2016/160982)
[30] US (62/140,989) 2015-03-31

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[51] **Int.Cl. A61B 5/01 (2006.01) A61B 5/04 (2006.01) G01K 13/00 (2006.01)**
[25] EN
[54] **APPARATUS CONFIGURED TO SUPPORT A DEVICE ON A HEAD**
[54] **APPAREIL CONFIGURE POUR SUPPORTER UN DISPOSITIF SUR LA TETE**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
[85] 2017-09-20
[86] 2016-03-31 (PCT/US2016/025313)
[87] (WO2016/161141)
[30] US (62/141,001) 2015-03-31

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[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/86 (2006.01) C09K 8/88 (2006.01)**
[25] EN
[54] **COLORED ORGANIC PEROXIDE COMPOSITIONS AND METHODS FOR BREAKING HYDRAULIC FRACTURING FLUIDS**
[54] **COMPOSITIONS DE PEROXYDE ORGANIQUE COLOREES ET PROCEDES POUR REDUIRE LA VISCOSITE DE FLUIDES DE FRACTURATION HYDRAULIQUE**
[72] DESPOTOPOULOU, MARINA, US
[72] SWAN, SCOT A., US
[72] PALYS, LEONARD H., US
[72] BRENNAN, JOSEPH M., US
[72] ABRAMS, MICHAEL B., US
[72] SCHWARTZ, SCOTT J., US
[71] ARKEMA INC., US
[85] 2017-09-20
[86] 2016-03-10 (PCT/US2016/021656)
[87] (WO2016/153792)
[30] US (62/137,882) 2015-03-25

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[13] A1
[51] **Int.Cl. E21B 47/113 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **MONITORING SUBSTANCES IN A WELL ANNULUS**
[54] **SURVEILLANCE DE SUBSTANCES DANS UN ESPACE ANNULAIRE DE PUITS**
[72] FOUDA, AHMED E., US
[72] WILSON, GLENN A., SG
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-20
[86] 2015-06-24 (PCT/US2015/037498)
[87] (WO2016/209229)

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[51] **Int.Cl. G01V 5/04 (2006.01) E21B 47/00 (2012.01) G01T 1/20 (2006.01) G01T 1/204 (2006.01)**
[25] EN
[54] **PRESSURE BALANCED LIQUID SCINTILLATOR FOR DOWNHOLE GAMMA DETECTION**
[54] **SCINTILLATEUR LIQUIDE EQUILIBRE EN PRESSION PERMETTANT UNE DETECTION DES RAYONS GAMMA DE FOND DE TROU**
[72] CULL, ROBERT JONATHAN, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-20
[86] 2015-06-03 (PCT/US2015/033922)
[87] (WO2016/195671)

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|51| **Int.Cl. A61B 5/01 (2006.01) A61F 7/02 (2006.01)**
|25| EN
|54| **ANALYSIS OF TEMPERATURE SIGNALS FROM AN ABREU BRAIN THERMAL TUNNEL**
|54| **SYSTEMES ET PROCEDES POUR L'ANALYSE DE SIGNAUX DE TEMPERATURE A PARTIR D'UN TUNNEL THERMIQUE CEREBRAL D'ABREU ET TRAITEMENT DE PATHOLOGIES HUMAINES PAR LE BIAIS DU TUNNEL THERMIQUE CEREBRAL D'ABREU**
|72| ABREU, MARCIO MARC, US
|71| ABREU, MARCIO MARC, US
|85| 2017-09-20
|86| 2016-04-01 (PCT/US2016/025688)
|87| (WO2016/161355)
|30| US (62/141,816) 2015-04-01

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|51| **Int.Cl. G06Q 50/30 (2012.01)**
|25| EN
|54| **TRANSPORT MONITORING**
|54| **SURVEILLANCE DE TRANSPORT**
|72| KOLIN, BENJAMIN, US
|72| ONGCHIN, DERRICK, US
|72| WOO, BENNETT, US
|72| YU, CHEE, US
|71| UBER TECHNOLOGIES, INC., US
|85| 2017-09-20
|86| 2016-04-01 (PCT/US2016/025508)
|87| (WO2016/161256)
|30| US (14/678,656) 2015-04-03

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|25| EN
|54| **DOWNHOLE TOOL AND SYSTEM, AND METHOD FOR THE SAME**
|54| **OUTIL ET SYSTEME DE FOND DE TROU ET PROCEDE POUR CEUX-CI**
|72| DAVIES, EVAN, US
|72| VANLUE, DUKE, US
|72| AVILA, MIGUEL, US
|71| DOWNHOLE TECHNOLOGY, LLC, US
|85| 2017-09-20
|86| 2015-11-20 (PCT/US2015/062025)
|87| (WO2017/048305)
|30| US (62/218,434) 2015-09-14

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|51| **Int.Cl. A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 5/0205 (2006.01)**
|25| EN
|54| **DEVICE CONFIGURED TO BE SUPPORTED ON A HUMAN BODY, TO MEASURE A BIOLOGICAL PARAMETER OF THE HUMAN BODY, AND TO CONTROL A CHARACTERISTIC OF THE HUMAN BODY**
|54| **DISPOSITIF CONCU POUR ETRE PORTE SUR UN CORPS HUMAIN, MESURER UN PARAMETRE BIOLOGIQUE DU CORPS HUMAIN, ET SURVEILLER UNE CARACTERISTIQUE DU CORPS HUMAIN**
|72| ABREU, MARCIO MARC, US
|71| ABREU, MARCIO MARC, US
|85| 2017-09-20
|86| 2016-04-11 (PCT/US2016/026989)
|87| (WO2016/164927)
|30| US (62/145,337) 2015-04-09

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|51| **Int.Cl. B60T 7/02 (2006.01) B61H 13/02 (2006.01) B61H 13/04 (2006.01)**
|25| EN
|54| **HAND BRAKE ASSEMBLY**
|54| **ENSEMBLE FREIN A MAIN**
|72| MICHEL, MARK, US
|72| GLENN, DEON, US
|72| KIRK, TAMMY, US
|71| AMSTED RAIL COMPANY, INC., US
|85| 2017-09-20
|86| 2016-03-18 (PCT/US2016/023014)
|87| (WO2016/153954)
|30| US (14/663,867) 2015-03-20

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|13| A1
|51| **Int.Cl. H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 4/96 (2006.01) H01M 8/10 (2016.01)**
|25| EN
|54| **GAS-DIFFUSION ELECTRODE SUBSTRATE AND METHOD FOR MANUFACTURING SAME**
|54| **MATERIAU DE BASE D'ELECTRODE A DIFFUSION GAZEUSE ET SON PROCEDE DE FABRICATION**
|72| HASHIMOTO, MASARU, JP
|72| WAKATABE, MICHIO, JP
|72| KATO, SHO, JP
|71| TORAY INDUSTRIES, INC., JP
|85| 2017-09-20
|86| 2016-04-15 (PCT/JP2016/062149)
|87| (WO2016/171082)
|30| JP (2015-089039) 2015-04-24

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|13| A1
|51| **Int.Cl. B60G 7/00 (2006.01) B62D 21/11 (2006.01)**
|25| EN
|54| **HANGER FOR AXLE/SUSPENSION SYSTEMS**
|54| **DISPOSITIF DE SUSPENSION POUR SYSTEMES D'ESSIEU/DE SUSPENSION**
|72| MCCOMSEY, KEITH D., US
|72| CARR, KIMM L., US
|72| MUCKELRATH, BRETT L., US
|71| HENDRICKSON USA, L.L.C., US
|85| 2017-09-20
|86| 2016-03-18 (PCT/US2016/023039)
|87| (WO2016/153968)
|30| US (62/135,765) 2015-03-20

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[51] **Int.Cl. B67D 7/00 (2010.01) B67D 7/06 (2010.01) B67D 7/08 (2010.01) G06F 3/041 (2006.01) G06F 3/042 (2006.01) G06F 3/043 (2006.01) G06F 3/044 (2006.01)**
[25] EN
[54] **PRINTED USER INTERFACE**
[54] **INTERFACE UTILISATEUR IMPRIMEE**
[72] BROEN, MARTIN EDUARDO, US
[72] SALVATO, DOMINICK, US
[72] DALY, PETER RANDALL, US
[71] PEPSICO, INC., US
[85] 2017-09-20
[86] 2016-04-15 (PCT/US2016/027850)
[87] (WO2016/168665)
[30] US (62/149,290) 2015-04-17

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[13] A1
[51] **Int.Cl. B60R 21/38 (2011.01)**
[25] EN
[54] **PEDESTRIAN PROTECTION AUTOMOTIVE HINGE**
[54] **CHARNIERE DE VEHICULE AUTOMOBILE POUR LA PROTECTION DES PIETONS**
[72] PATTERSON, PATRICK, GB
[71] MULTIMATIC INC., CA
[85] 2017-09-20
[86] 2016-06-03 (PCT/US2016/035769)
[87] (WO2017/003641)
[30] US (62/186,127) 2015-06-29

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[13] A1
[51] **Int.Cl. A61K 31/715 (2006.01) A61K 31/717 (2006.01) A61K 31/738 (2006.01) B01J 20/24 (2006.01)**
[25] EN
[54] **POLYSACCHARIDE-POLYAMINE COPOLYMERS FOR REMOVAL OF PHOSPHATE**
[54] **COPOLYMERES DE POLYSACCHARIDE-POLYAMINE POUR L'ELIMINATION DE PHOSPHATE**
[72] MITCHELL, JAMES W., US
[72] YANG, DAZHI, US
[71] HOWARD UNIVERSITY, US
[85] 2017-09-20
[86] 2016-03-18 (PCT/US2016/023237)
[87] (WO2016/154043)
[30] US (62/136,220) 2015-03-20

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[13] A1
[51] **Int.Cl. C01F 5/40 (2006.01) C08K 9/04 (2006.01) C08L 101/00 (2006.01) D06M 13/292 (2006.01) D06M 13/463 (2006.01)**
[25] EN
[54] **FIBROUS BASIC MAGNESIUM SULFATE, PRODUCTION PROCESS THEREFOR AND RESIN COMPOSITION THEREOF**
[54] **SULFATE DE MAGNESIUM BASIQUE FIBREUX, SON PROCEDE DE FABRICATION ET COMPOSITION DE RESINE A BASE DE CE SULFATE**
[72] SAITO, TATEHARU, JP
[72] MIYATA, SHIGEO, JP
[71] KYOWA CHEMICAL INDUSTRY CO., LTD., JP
[85] 2017-09-20
[86] 2016-05-12 (PCT/JP2016/064805)
[87] (WO2016/186152)
[30] JP (2015-099708) 2015-05-15

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[13] A1
[51] **Int.Cl. A23C 9/00 (2006.01) A23L 33/00 (2016.01) A23C 3/02 (2006.01) A23C 9/12 (2006.01) A23C 9/152 (2006.01) A23C 13/16 (2006.01) A23C 19/076 (2006.01)**
[25] EN
[54] **DAIRY COMPOSITIONS**
[54] **COMPOSITIONS LAITIERES**
[72] LU, SABRINA, CA
[72] LAYE, ISABELLA, US
[72] KIMMEL, JENNIFER LOUISE, US
[72] LEVINE, ILSE D., US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2017-09-21
[86] 2016-03-22 (PCT/CA2016/050330)
[87] (WO2016/149818)
[30] US (62/137,054) 2015-03-23

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[13] A1
[51] **Int.Cl. C01B 3/26 (2006.01) B01J 23/745 (2006.01) C01B 3/02 (2006.01) C01B 3/24 (2006.01) C01B 3/28 (2006.01) C01B 3/30 (2006.01) C21B 15/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING HYDROGEN AND GRAPHITIC CARBON FROM HYDROCARBONS**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE ET DE CARBONE GRAPHITIQUE A PARTIR D'HYDROCARBURES**
[72] CORNEJO, ANDREW, AU
[72] CHUA, HUI TONG, AU
[71] HAZER GROUP LIMITED, AU
[85] 2017-09-21
[86] 2016-03-31 (PCT/AU2016/000115)
[87] (WO2016/154666)
[30] AU (2015901175) 2015-03-31

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[13] A1
[51] **Int.Cl. A61K 31/715 (2006.01) A61K 31/717 (2006.01) A61K 31/738 (2006.01) B01J 20/24 (2006.01)**
[25] EN
[54] **MICROCARRIERS, MATRICES AND SCAFFOLDS FOR CULTURING MAMMALIAN CELLS AND METHODS OF MANUFACTURE**
[54] **MICRO-SUPPORTS, MATRICES ET ECHAFAUDAGES POUR LA CULTURE DE CELLULES DE MAMMIFERE ET PROCEDES DE FABRICATION**
[72] MITCHELL, JAMES W., US
[72] YANG, DAZHI, US
[71] HOWARD UNIVERSITY, US
[85] 2017-09-20
[86] 2016-03-18 (PCT/US2016/023248)
[87] (WO2016/154048)
[30] US (62/136,241) 2015-03-20

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|13| A1
|51| **Int.Cl. E04B 1/76 (2006.01) E04B 2/84 (2006.01) E04G 21/00 (2006.01)**
|25| EN
|54| **THERMAL BREAK FOR USE IN CONSTRUCTION**
|54| **BARRIERE THERMIQUE POUR L'UTILISATION DANS LA CONSTRUCTION**
|72| KNOBLAUCH, JEFFREY S., CA
|72| KRISH, JARED D., CA
|71| JK WORLDWIDE ENTERPRISES INC., CA
|85| 2017-09-21
|86| 2016-03-23 (PCT/CA2016/050335)
|87| (WO2016/149822)
|30| US (62/136,887) 2015-03-23
|30| US (62/146,487) 2015-04-13
|30| US (14/835,296) 2015-08-25

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|13| A1
|51| **Int.Cl. G07C 9/00 (2006.01) G07B 15/04 (2006.01)**
|25| EN
|54| **SYSTEM, METHOD AND COMPUTER PROGRAM FOR AN ACCESS CONTROL SYSTEM**
|54| **SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR SYSTEME DE COMMANDE D'ACCES**
|72| KARAM, ANTHONY, AU
|72| LALETIN, GREGORI ALEXANDRAVICH, AU
|72| WALSH, KEVIN JOHN, AU
|71| TMA CAPITAL AUSTRALIA PTY LTD, AU
|85| 2017-09-21
|86| 2016-01-12 (PCT/AU2016/050008)
|87| (WO2016/123662)
|30| AU (2015100112) 2015-02-02
|30| AU (2015900302) 2015-02-02

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|13| A1
|51| **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
|25| EN
|54| **COMPOSITIONS AND METHODS FOR INHIBITING KINASES**
|54| **COMPOSITIONS ET METHODES POUR INHIBER LES KINASES**
|72| WERNER, MILTON, H., US
|72| KELLY, TERENCE, A., US
|71| INHIBIKASE THERAPEUTICS, INC., US
|85| 2017-09-20
|86| 2016-04-22 (PCT/US2016/028914)
|87| (WO2016/172528)
|30| US (62/151,659) 2015-04-23
|30| US (62/182,955) 2015-06-22

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|51| **Int.Cl. A42B 3/04 (2006.01) A42B 3/30 (2006.01) H04R 1/10 (2006.01)**
|25| EN
|54| **CYCLING HELMET CAPABLE OF SWITCHING SOUND PRODUCTION GUIDANCE MODE BASED ON BONE CONDUCTION EARPHONE**
|54| **CASQUE DE VELO CAPABLE APTE A COMMUTER UN MODE DE GUIDAGE VOCAL A PARTIR D'ECOUTEURS A CONDUCTION OSSEUSE**
|72| RONG, ERIC, CN
|72| ZHONG, XIN, CN
|72| SHI, RIJIAN, CN
|72| XIAO, XIAOCHUN, CN
|72| WANG, DONGHONG, CN
|71| DONGGUAN YUANFENG TECHNOLOGY CO., LTD., CN
|71| GUANGDONG YUANFENG ELECTRONIC TECHNOLOGY CO., LTD., CN
|85| 2017-09-21
|86| 2015-12-14 (PCT/CN2015/097263)
|87| (WO2017/016138)
|30| CN (201510456106.7) 2015-07-29

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|13| A1
|51| **Int.Cl. F03D 5/04 (2006.01)**
|25| EN
|54| **CLOSED LOOP MULTIPLE AIRFOIL WIND TURBINE**
|54| **TURBINE EOLIENNE A PROFILS AERODYNAMIQUES MULTIPLES A BOUCLE FERMEE**
|72| FARRANT, HARVARD M., CA
|71| FARRANT, HARVARD M., CA
|85| 2017-09-21
|86| 2016-03-31 (PCT/CA2016/050375)
|87| (WO2016/154757)
|30| CA (2,886,731) 2015-03-31

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|13| A1
|51| **Int.Cl. A61B 5/0488 (2006.01) A61B 5/05 (2006.01)**
|25| EN
|54| **MOTOR FIBRE NEUROMODULATION**
|54| **NEUROMODULATION DES FIBRES MOTRICES**
|72| PARKER, JOHN LOUIS, AU
|71| SALUDA MEDICAL PTY LTD, AU
|85| 2017-09-21
|86| 2016-06-01 (PCT/AU2016/050439)
|87| (WO2016/191815)
|30| AU (2015902393) 2015-06-01

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|25| EN
|54| **SIMULTANEOUSLY DETECTION OF OFF-NOTE OR BOAR TAINT RELATED COMPOUNDS IN ANIMAL TISSUE**
|54| **DETECTION SIMULTANEE DE COMPOSES LIES A UNE ODEUR ATYPIQUE OU SEXUELLE DANS DES TISSUS ANIMAUX**
|72| LUND, BIRGITTE LANGE WINTHER, DK
|72| MEINERT, LENE, DK
|72| BORGGARD, CLAUS, DK
|71| TEKNOLOGISK INSTITUT, DK
|85| 2017-09-21
|86| 2016-03-03 (PCT/EP2016/054514)
|87| (WO2016/139291)
|30| DK (PA 2015 00120) 2015-03-03

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[51] **Int.Cl. C07D 217/00 (2006.01) A61K 31/472 (2006.01) A61K 31/517 (2006.01) A61P 3/00 (2006.01) C07D 231/56 (2006.01) C07D 237/30 (2006.01) C07D 239/78 (2006.01) C07D 333/60 (2006.01) C07D 405/04 (2006.01) C07D 471/04 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **CONDENSED RING DERIVATIVE, AND PREPARATION METHOD, INTERMEDIATE, PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **DERIVE CYCLIQUE CONDENSE, ET PROCEDE DE PREPARATION, INTERMEDIAIRE, COMPOSITION PHARMACEUTIQUE ET UTILISATION DE CELUI-CI**
[72] XU, ZUSHENG, CN
[72] ZHANG, NONG, CN
[72] SUN, QINGRUI, CN
[72] WU, TIANZHI, CN
[71] SHANGHAI YINGLI PHARMACEUTICAL CO., LTD, CN
[85] 2017-09-21
[86] 2016-02-01 (PCT/CN2016/073043)
[87] (WO2016/150255)
[30] CN (201510131828.5) 2015-03-24

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[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **SUTURE ANCHOR COMPRISING SUTURE FILAMENT AND SUTURE TAPE**
[54] **ANCRAGE DE SUTURE COMPRENANT UN FILAMENT DE SUTURE ET UNE BANDE DE SUTURE**
[72] MILLER, PETER C., US
[72] REEDY, JEREMY, US
[71] CONMED CORPORATION, US
[85] 2017-09-20
[86] 2016-03-21 (PCT/US2016/023379)
[87] (WO2016/154099)
[30] US (62/136,557) 2015-03-22

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[51] **Int.Cl. A61L 27/10 (2006.01) A61L 27/12 (2006.01) A61L 27/50 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **BIPHASIC CERAMIC BONE SUBSTITUTE**
[54] **SUBSTITUT OSSEUX CERAMIQUE BIPHASIQUE**
[72] LIDGREN, LARS, SE
[71] BONE SUPPORT AB, SE
[85] 2017-09-21
[86] 2016-03-18 (PCT/EP2016/056034)
[87] (WO2016/150876)
[30] EP (15160388.3) 2015-03-23

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[51] **Int.Cl. G02B 27/22 (2006.01) F21V 8/00 (2006.01) H04N 13/04 (2006.01)**
[25] EN
[54] **DISPLAY DEVICE WITH DIRECTIONAL CONTROL OF THE OUTPUT, AND A BACKLIGHT FOR SUCH A DISPLAY DEVICE AND A LIGHT DIRECTION METHOD**
[54] **DISPOSITIF D'AFFICHAGE A COMMANDE DIRECTIONNELLE DE LA SORTIE, ET RETROECLAIRAGE POUR UN TEL DISPOSITIF D'AFFICHAGE ET PROCEDE D'ORIENTATION DE LUMIERE**
[72] VDOVIN, OLEXANDR VALENTYNOVYCH, NL
[72] VAN PUTTEN, EIBERT GERJAN, NL
[72] KROON, BART, NL
[72] JOHNSON, MARK THOMAS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2017-09-21
[86] 2016-03-16 (PCT/EP2016/055614)
[87] (WO2016/150778)
[30] EP (15161024.3) 2015-03-26

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/10 (2017.01) A61K 47/38 (2006.01)**
[25] EN
[54] **RHEOLOGICAL BLOOD REPLACEMENT SOLUTION AND USES THEREOF**
[54] **SOLUTION RHEOLOGIQUE DE REMPLACEMENT DU SANG ET SON UTILISATION**
[72] ECKELT, JOHN, DE
[71] UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056141)
[87] (WO2016/150909)
[30] EP (15160756.1) 2015-03-25

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[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR AUTOMATIC TUNING OF A CONTROLLER**
[54] **PROCEDE ET DISPOSITIF DE REGLAGE AUTOMATIQUE D'UN CONTROLEUR**
[72] JAHANSHAHI, ESMAEIL, NO
[72] SIVALINGAM, SELVANATHAN, NO
[72] SCHOFIELD, JOHN BRADFORD, CH
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-09-21
[86] 2016-03-15 (PCT/EP2016/055550)
[87] (WO2016/150761)
[30] EP (15160327.1) 2015-03-23

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[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE PUNCTURE DEVICE**
[54] **DISPOSITIF DE PERFORATION PAR AIGUILLE**
[72] MAO, YALING, CN
[71] GEMTIER MEDICAL (SHANGHAI) INC., CN
[85] 2017-09-21
[86] 2016-11-22 (PCT/CN2016/106819)
[87] (WO2017/088737)
[30] CN (201520939839.1) 2015-11-23
[30] CN (201510818147.6) 2015-11-23
[30] CN (201610531579.3) 2016-07-07

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[13] A1
[51] **Int.Cl. F41H 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING THE LEVEL OF THREAT**
[54] **PROCEDE D'EVALUATION DU NIVEAU DE MENACE**
[72] LABREUCHE, CHRISTOPHE, FR
[72] POUYLLAU, HELIA, FR
[72] SAVEANT, PIERRE, FR
[72] SEMET, YANN, FR
[72] HAMMING, JAN-EGBERT, NL
[72] HOUTSMA, MAURICE, NL
[71] THALES, FR
[85] 2017-09-21
[86] 2016-03-23 (PCT/EP2016/056424)
[87] (WO2016/151032)
[30] EP (15290081.7) 2015-03-23

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[13] A1
[51] **Int.Cl. C07D 251/22 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE FOR TREATING MULTIPLE MYELOMA**
[54] **UTILISATION DE 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE POUR LE TRAITEMENT DU MYELOME MULTIPLE**
[72] SCHOLZ, ARNE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056089)
[87] (WO2016/150893)
[30] EP (15160582.1) 2015-03-24

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[13] A1
[51] **Int.Cl. A43B 13/12 (2006.01) A43B 7/14 (2006.01) A43B 13/18 (2006.01) A43B 13/40 (2006.01)**
[25] EN
[54] **SHOE INSOLE**
[54] **SEMELLE INTERIEURE DE CHAUSSURE**
[72] GRANGER, DAVID BRADLEY, US
[72] MARTINEZ, JACOB, US
[71] IMPLUS FOOTCARE, LLC, US
[85] 2017-09-20
[86] 2016-04-25 (PCT/US2016/029155)
[87] (WO2016/191002)
[30] US (62/167,763) 2015-05-28
[30] US (62/182,025) 2015-06-19

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **AGENTS BINDING SPECIFICALLY TO HUMAN CADHERIN-17, HUMAN CADHERIN-5, HUMAN CADHERIN-6 AND HUMAN CADHERIN-20 RGD MOTIF**
[54] **AGENTS SE LIANT SPECIFIQUEMENT AU MOTIF RGD DE LA CADHERINE 17 HUMAINE, DE LA CADHERINE 5 HUMAINE, DE LA CADHERINE 6 HUMAINE ET DE LA CADHERINE 20 HUMAINE**
[72] CASAL ALVAREZ, JOSE IGNACIO, ES
[72] BARTOLOME CONDE, RUBEN ALVARO, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[85] 2017-09-21
[86] 2015-04-20 (PCT/EP2015/058527)
[87] (WO2016/169581)

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[13] A1
[51] **Int.Cl. G01S 17/74 (2006.01)**
[25] EN
[54] **TRACKING SYSTEM AND METHOD FOR TRACKING A CARRIER OF A MOBILE COMMUNICATION UNIT**
[54] **SYSTEME ET PROCEDE DE POURSUITE DU PORTEUR D'UNE UNITE DE COMMUNICATION MOBILE**
[72] FEIL, HENRY, DE
[71] OSRAM GMBH, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056082)
[87] (WO2016/150890)
[30] DE (10 2015 205 220.6) 2015-03-23

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[13] A1
[51] **Int.Cl. G01C 19/72 (2006.01)**
[25] EN
[54] **PHASE MODULATOR FOR FIBER-OPTIC GYROSCOPES CONTROLLED IN A ZERO-MEAN MANNER AND A FIBER-OPTIC GYROSCOPE**
[54] **MODULATEUR DE PHASE COMMANDE A VALEUR MOYENNE NULLE POUR GYROSCOPES A FIBRE OPTIQUE ET GYROSCOPE A FIBRE OPTIQUE**
[72] SPAHLINGER, GUNTER, DE
[72] DEPPE-REIBOLD, OLAF, DE
[71] NORTHROP GRUMMAN LITEF GMBH, DE
[85] 2017-09-21
[86] 2016-03-23 (PCT/EP2016/056457)
[87] (WO2016/156167)
[30] DE (10 2015 004 039.1) 2015-03-27

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[13] A1
[51] **Int.Cl. C21C 5/52 (2006.01) C21C 7/00 (2006.01) C22C 38/02 (2006.01) C22C 38/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF IRON-SILICON-ALUMINUM ALLOYS AND THEIR USE**
[54] **PROCEDE DE PRODUCTION D'ALLIAGES FER-SILICIUM-ALUMINIUM ET LEUR UTILISATION**
[72] SHKOLNIK, VLADIMIR SERGEYEVICH, KZ
[72] ZHARMENOV, ABDURASSUL ALDASHEVICH, KZ
[72] TOLYMBEKOV, MANAT ZHAKSYBERGENOVICH, KZ
[72] BAYSANOV, SAYLAUBAY OMAROVICH, KZ
[72] NAZARBAYEV, NURSULTAN ABISHEVICH, KZ
[71] MEGALLOY AG, CH
[85] 2017-09-21
[86] 2016-03-23 (PCT/EP2016/000506)
[87] (WO2016/155873)
[30] EP (15000931.4) 2015-03-30

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[51] **Int.Cl. A63F 13/52 (2014.01) A63F 13/35 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRESENTING GAME-RELATED INFORMATION**
[54] **PROCEDE ET SYSTEME DE PRESENTATION D'INFORMATIONS RELATIVES A UN JEU**
[72] BOKOWSKI, CHAD, US
[72] SUTTER, DAVID, US
[72] SPITZER, COREY, US
[72] WHITTEN, GORDON, US
[71] SCOREVISION, LLC, US
[85] 2017-09-20
[86] 2016-03-21 (PCT/US2016/023453)
[87] (WO2016/154134)
[30] US (62/136,269) 2015-03-20
[30] US (15/076,133) 2016-03-21

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[51] **Int.Cl. G05B 19/404 (2006.01) B23Q 15/22 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A GEAR-PROCESSING MACHINE**
[54] **PROCEDE SERVANT A FAIRE FONCTIONNER UN MACHINE A USINAGE DE DENTURE**
[72] WEBER, JURGEN, DE
[72] RIBBECK, KARL-MARTIN, DE
[72] BLASBERG, HERBERT, DE
[71] KLINGELNBERG AG, CH
[85] 2017-09-21
[86] 2016-03-23 (PCT/EP2016/056310)
[87] (WO2016/150986)
[30] DE (102015104289.4) 2015-03-23

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[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/18 (2006.01) A61F 11/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL TYMPANIC MEMBRANE DEVICES AND USES**
[54] **DISPOSITIFS DE MEMBRANE TYMPANIQUE ARTIFICIELLE ET UTILISATIONS**
[72] REMENSCHNEIDER, AARON K., US
[72] KOZIN, ELLIOTT, US
[72] BLACK, NICOLE, US
[72] MCKENNA, MICHAEL J., US
[72] LEE, DANIEL J., US
[72] LEWIS, JENNIFER, US
[72] ROSOWSKI, JOHN, US
[72] KOLESKY, DAVID, US
[72] SKYLAR-SCOTT, MARK A., US
[72] VALENTINE, ALEXANDER D., US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-09-20
[86] 2016-03-21 (PCT/US2016/023482)
[87] (WO2016/154148)
[30] US (62/136,097) 2015-03-20
[30] US (62/245,827) 2015-10-23
[30] US (62/247,268) 2015-10-28

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[13] A1
[51] **Int.Cl. A01N 37/46 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **USE OF AN INSECTICIDAL CARBOXAMIDE COMPOUND AGAINST PESTS ON CULTIVATED PLANTS**
[54] **UTILISATION D'UN COMPOSE DE CARBOXAMIDE INSECTICIDE CONTRE LES NUISIBLES SUR DES PLANTES CULTIVEES**
[72] SIKULJAK, TATJANA, DE
[72] REINHARD, ROBERT, DE
[72] DAESCHNER, KLAUS, DE
[72] AREVALO, ALEJANDRO, US
[71] BASF AGROCHEMICAL PRODUCTS B.V., NL
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057502)
[87] (WO2016/162371)
[30] US (62/143,847) 2015-04-07
[30] EP (15201358.7) 2015-12-18

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[13] A1
[51] **Int.Cl. H02K 3/32 (2006.01) H02K 17/42 (2006.01) H02P 1/26 (2006.01)**
[25] EN
[54] **ELECTRICAL CURRENT GENERATOR BASED ON THE MOVEMENT AND INDUCTION OF PERMANENT MAGNETS AND RESONANT COILS**
[54] **GENERATEUR DE COURANT ELECTRIQUE FONDE SUR LE MOUVEMENT ET L'INDUCTION D'AIMANTS PERMANENTS ET DE BOBINES RESONANTES**
[72] MORENO MAGDALENO, ANA MARIA, ES
[71] ENERGY RESONANCE MAGNETIC, S.L., ES
[85] 2017-09-21
[86] 2016-02-16 (PCT/ES2016/070089)
[87] (WO2016/151160)
[30] ES (P201530398) 2015-03-26

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[13] A1
[51] **Int.Cl. A61K 31/53 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE FOR TREATING LYMPHOMAS**
[54] **UTILISATION DE 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE POUR TRAITER DES LYMPHOMES**
[72] SCHOLZ, ARNE, DE
[72] ISHIDA, TAKASHI, JP
[71] PUBLIC UNIVERSITY CORPORATION NAGOYA CITY UNIVERSITY, JP
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056112)
[87] (WO2016/150903)
[30] EP (15160590.4) 2015-03-24

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[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C04B 24/26 (2006.01) C04B 28/02 (2006.01) C09K 8/487 (2006.01) C09K 8/508 (2006.01)**
[25] FR
[54] **SEQUENCED POLYMERS FOR MONITORING THE FILTRATE AND THE RHEOLOGY**
[54] **POLYMERES SEQUENCES POUR LE CONTROLE DU FILTRAT ET DE LA RHEOLOGIE**
[72] CADIX, ARNAUD, FR
[72] WILSON, JAMES DAVID, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057544)
[87] (WO2016/162386)
[30] FR (15 00700) 2015-04-07

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[13] A1
[51] **Int.Cl. C02F 11/12 (2006.01)**
[25] EN
[54] **WASTE MATERIAL PROCESS AND PRODUCT**
[54] **TRAITEMENT ET PRODUIT DE MATERIAU DE DECHETS**
[72] MCMILLAN, NICHOLAS ROBERT, NZ
[72] HOOPER, CARL RAMON, NZ
[71] 3E NUTRITION LIMITED, NZ
[85] 2017-09-21
[86] 2015-04-01 (PCT/IB2015/052380)
[87] (WO2015/155631)
[30] NZ (623538) 2014-04-07

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[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C04B 24/26 (2006.01) C04B 28/02 (2006.01) C09K 8/487 (2006.01) C09K 8/508 (2006.01)**
[25] FR
[54] **SEQUENCED POLYMERS FOR MONITORING THE FILTRATE**
[54] **POLYMERES SEQUENCES POUR LE CONTROLE DU FILTRAT**
[72] CADIX, ARNAUD, FR
[72] WILSON, JAMES DAVID, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057546)
[87] (WO2016/162387)
[30] FR (15 00698) 2015-04-07

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **REDUCED PRESSURE APPARATUSES**
[54] **APPAREILS A PRESSION REDUITE**
[72] GOWANS, JOHN PHILIP, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] ASKEM, BEN ALAN, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2017-09-21
[86] 2016-04-26 (PCT/EP2016/059329)
[87] (WO2016/174048)
[30] US (62/153,483) 2015-04-27
[30] US (62/154,078) 2015-04-28

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[13] A1
[51] **Int.Cl. C08F 293/00 (2006.01) C08F 261/04 (2006.01) C08F 291/00 (2006.01) C08L 53/00 (2006.01) C09K 8/46 (2006.01) C09K 8/487 (2006.01)**
[25] FR
[54] **SEQUENCED POLYMERS FOR MONITORING THE FILTRATE**
[54] **POLYMERES SEQUENCES POUR LE CONTROLE DU FILTRAT**
[72] CADIX, ARNAUD, FR
[72] WILSON, JAMES DAVID, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057547)
[87] (WO2016/162388)
[30] FR (15/00699) 2015-04-07

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[13] A1
[51] **Int.Cl. A61C 17/34 (2006.01) A61C 17/24 (2006.01)**
[25] EN
[54] **DEVICE FOR BRUSHING THE TEETH, HAVING MULTIPLE BRUSHES WITH ROTARY AND/OR OSCILLATING MOTION**
[54] **DISPOSITIF POUR BROSSER LES DENTS, COMPRENANT DE MULTIPLES BROSSES AVEC UN MOUVEMENT ROTATIF ET/OU OSCILLANT**
[72] DOMINICI, ALDO DANIELE, IT
[71] GLARESMILE S.R.L., IT
[85] 2017-09-21
[86] 2016-04-01 (PCT/EP2016/057198)
[87] (WO2016/162275)
[30] IT (MI2015A000498) 2015-04-08

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[13] A1
[51] **Int.Cl. E05D 3/18 (2006.01) E05D 7/04 (2006.01)**
[25] EN
[54] **CONCEALED HINGE FOR DOORS**
[54] **CHARNIERE CACHEE POUR PORTES**
[72] MIGLIORANZO, IVANO, IT
[71] OL.MI S.R.L., IT
[85] 2017-09-21
[86] 2016-03-25 (PCT/IB2016/051708)
[87] (WO2016/151541)
[30] IB (PCT/IB2015/052183) 2015-03-25

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[13] A1
[51] **Int.Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01)**
[25] EN
[54] **ROTOR FOR A FLUID PUMP, AND METHOD AND MOLD FOR MANUFACTURING SAME**
[54] **ROTOR DESTINE A UNE POMPE A FLUIDE ET PROCEDE ET MOULE DE COULEE POUR SA FABRICATION**
[72] SIESS, THORSTEN, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2017-09-21
[86] 2016-04-29 (PCT/EP2016/059703)
[87] (WO2016/174252)
[30] EP (15166045.3) 2015-04-30

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[13] A1
[51] **Int.Cl. F16K 47/08 (2006.01)**
[25] EN
[54] **ENERGY RECOVERING FLOW CONTROL VALVES**
[54] **SOUPAPES DE LIMITATION DE DEBIT DE RECUPERATION D'ENERGIE**
[72] MALAVASI, STEFANO, IT
[71] POLITECNICO DI MILANO, IT
[85] 2017-09-21
[86] 2016-03-30 (PCT/IB2016/051782)
[87] (WO2016/157085)
[30] IT (102015000010298) 2015-03-30

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[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR HIGH GAS FLOW**
[54] **PROCEDES ET APPAREIL POUR DEBIT DE GAZ ELEVE**
[72] WHITE, CRAIG KARL, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] KEOGH, GERALDINE FRANCES, NZ
[72] CONNOLLY, NICHOLAS SIMON DAVID, NZ
[72] PATEL, ANIL, NZ
[72] NOURAEI, SEYED AHMAD REZA, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[87] (WO2016/157102)
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[25] EN
[54] **A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIRWAY**
[54] **INTERFACE UTILISATEUR ET SYSTEME DE FOURNITURE DE GAZ A UNE VOIE RESPIRATOIRE**
[72] HOLYOAKE, BRUCE GORDON, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] PATEL, ANIL, NZ
[72] NOURAEI, SEYED AHMAD REZA, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] BARNES, THOMAS HEINRICH, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] WHITE, CRAIG KARL, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] HERMEZ, LAITH ADEEB, NZ
[72] KLINK, GERMAN, NZ
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] EDWARDS, TAYLOR JAMER, NZ
[72] BURGESS, AIDAN ROBERT, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **METHOD FOR MANUFACTURING NICKEL AND COBALT MIXED SULFIDE AND NICKEL OXIDE ORE HYDROMETALLURGICAL METHOD**
[54] **PROCEDE DE FABRICATION D'UN SULFURE MIXTE DE NICKEL ET DE COBALT ET PROCEDE HYDROMETALLURGIQUE POUR MINERAI D'OXYDE DE NICKEL**
[72] YONEYAMA, TOMOAKI, JP
[72] MITSUI, HIROYUKI, JP
[72] ENOMOTO, MANABU, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-09-21
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[30] JP (2015-075062) 2015-04-01

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[51] **Int.Cl. B60G 21/055 (2006.01) B21D 53/88 (2006.01) C21D 9/08 (2006.01)**
[25] EN
[54] **HOLLOW STABILIZER**
[54] **STABILISATEUR CREUX**
[72] WAKABAYASHI, YUTAKA, JP
[72] TAKAHASHI, KEN, JP
[72] SUGAWARA, MASATO, JP
[72] OKADA, HIDEKI, JP
[71] NHK SPRING CO., LTD., JP
[85] 2017-09-21
[86] 2016-03-16 (PCT/JP2016/058278)
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[30] JP (2015-061552) 2015-03-24

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[51] **Int.Cl. C08L 101/04 (2006.01) H01L 31/049 (2014.01) B32B 27/30 (2006.01) C08L 27/14 (2006.01) C08L 27/16 (2006.01) C08L 47/00 (2006.01) C08L 67/00 (2006.01) C08L 69/00 (2006.01) C08L 71/00 (2006.01) C09D 7/12 (2006.01) C09D 127/14 (2006.01) C09D 127/16 (2006.01) C09D 201/04 (2006.01)**
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[54] **COMPOSITION AND LAMINATED BODY**
[54] **COMPOSITION ET CORPS STRATIFIE**
[72] NAKAGAWA, HIDETO, JP
[72] OZAKI, HIDENORI, JP
[72] GOBOU, KENJI, JP
[72] OGITA, KOICHIRO, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[85] 2017-09-21
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[51] **Int.Cl. B60G 21/055 (2006.01) F16F 1/14 (2006.01)**
[25] EN
[54] **STABILIZER AND METHOD FOR MANUFACTURING SAME**
[54] **STABILISATEUR ET SON PROCEDE DE FABRICATION**
[72] NISHIMURA, TATSUYA, JP
[71] NHK SPRING CO., LTD., JP
[85] 2017-09-21
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[54] **PHARMACEUTICAL TETRACYCLINE COMPOSITION FOR DERMATOLOGICAL USE**
[54] **COMPOSITION DE TETRACYCLINE PHARMACEUTIQUE POUR USAGE DERMATOLOGIQUE**
[72] CHEN, XIN, US
[72] HERMSMEIER, MAIKO C., US
[72] LAC, DIANA, US
[72] THOMAS, DOUGLAS W., US
[72] YAM, NOYMI, US
[72] YAMAMOTO, AKIRA, US
[71] BIOPHARMX, INC., US
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[30] US (62/251,001) 2015-11-04
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[54] **POROUS ELECTRODE SUBSTRATE AND MANUFACTURING METHOD THEREFOR**
[54] **MATERIAU DE BASE POREUX POUR ELECTRODE ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] HIDESHIMA, KOTA, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2017-09-21
[86] 2016-04-01 (PCT/JP2016/060930)
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[25] EN
[54] **METHOD OF JOINING METAL, PLASTIC MEMBER, AND CARBON FIBER REINFORCED PLASTIC MEMBER**
[54] **PROCEDE DE LIAISON DE METAL, D'ELEMENT EN RESINE ET D'ELEMENT EN RESINE RENFORCEE PAR DES FIBRES DE CARBONE**
[72] YASUYAMA, MASANORI, JP
[72] TOKUNAGA, MASATOSHI, JP
[72] SAKAMOTO, TERUKI, JP
[72] TAMEZANE, TAKUMI, JP
[72] YOSHINAGA, CHISATO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **NETWORK PROTECTION ENTITY AND METHOD FOR PROTECTING A COMMUNICATION NETWORK AGAINST FRAUD MESSAGES**
[54] **ENTITE DE PROTECTION DE RESEAU ET PROCEDE POUR PROTEGER UN RESEAU DE COMMUNICATION CONTRE DES MESSAGES FRAUDULEUX**
[72] VAN DEN BERGE, FRIDTJOF, DE
[71] DEUTSCHE TELEKOM AG, DE
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[54] **CRIMPABLE SEPARABLE TUBING CLAMP**
[54] **COLLIER DE TUYAU SEPARABLE ET SERTISSABLE**
[72] ZAHARIS, MARK J., US
[71] ZAHARIS, MARK J., US
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[25] EN
[54] **APPARATUS FOR CARRYING CHEMICAL TRACERS ON DOWNHOLE TUBULARS, WELLSCREENS, AND THE LIKE**
[54] **APPAREIL POUR TRANSPORTER DES TRACEURS CHIMIQUES SUR DES ELEMENTS TUBULAIRES DE FOND DE TROU, DES CREPINES, ET SIMILAIRE**
[72] SLADIC, JOHN A., US
[72] DEVARAJAN, KANNAN, AE
[72] KHOBRAGADE, PANKAJ, AE
[72] FERNANDES, PRAKASH, AE
[72] FRANKLIN, ANDREW J., GB
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
[85] 2017-09-20
[86] 2016-03-23 (PCT/US2016/023809)
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[30] US (62/137,404) 2015-03-24

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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 1/00 (2006.01) G02B 26/10 (2006.01)**
[25] EN
[54] **OPTICAL FEEDBACK SYNCHRONIZATION SYSTEM FOR IMAGING APPLICATIONS**
[54] **SYSTEME DE SYNCHRONISATION DE RETROACTION OPTIQUE POUR APPLICATIONS D'IMAGERIE**
[72] MCMORROW, GERALD, US
[71] MCMORROW, GERALD, US
[85] 2017-09-21
[86] 2014-04-02 (PCT/US2014/032628)
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[25] EN
[54] **CELL LINES THAT ARE FREE OF VIRAL INFECTION AND METHODS FOR THEIR PRODUCTION**
[54] **LIGNEES CELLULAIRES EXEMPTES D'INFECTION VIRALE ET LEURS PROCEDES DE PRODUCTION**
[72] GRANADOS, ROBERT, US
[72] BLISSARD, GARY, US
[72] DEBBIE, PAUL, US
[71] BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., US
[85] 2017-09-20
[86] 2016-03-23 (PCT/US2016/023816)
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[30] US (62/136,880) 2015-03-23

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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 21/16 (2013.01) G06F 9/45 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING COPIED COMPUTER CODE USING FINGERPRINTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETECTER UN CODE INFORMATIQUE COPIE, A L'AIDE D'EMPREINTES DIGITALES**
[72] ROGERS, DANIEL J., US
[72] MOORE, MICHAEL, US
[72] BLAZAKIS, DIONYSUS, US
[71] TERBIUM LABS, INC., US
[85] 2017-09-20
[86] 2016-03-24 (PCT/US2016/023940)
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[51] **Int.Cl. A61M 16/04 (2006.01) A61M 16/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **A USER INTERFACE FOR SUPPLYING GASES TO AN AIRWAY**
[54] **INTERFACE UTILISATEUR POUR LA FOURNITURE DE PLUSIEURS GAZ A UNE VOIE AERIENNE**
[72] BARRACLOUGH, MICHAEL ROBERT, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] GULLIVER, LAURENCE, NZ
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] KEOGH, GERALDINE FRANCES, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] WHITE, CRAIG KARL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-09-21
[86] 2016-03-31 (PCT/NZ2016/050054)
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[30] US (62/140,638) 2015-03-31
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[51] **Int.Cl. A61N 5/06 (2006.01) H01L 33/64 (2010.01)**
[25] EN
[54] **PHOTOTHERAPY LIGHT ENGINE**
[54] **MOTEUR DE LUMIERE DE LUMINOTHERAPIE**
[72] GAMELIN, ANDRE S., US
[72] GROSS, MARTYN C., US
[72] SCHMIDT, JACK, US
[72] MACNEISH, WILLIAM JACK, III, US
[71] CLARIFY MEDICAL, INC., US
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[86] 2016-03-30 (PCT/US2016/024996)
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[30] US (62/146,124) 2015-04-10

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[51] **Int.Cl. B26B 21/22 (2006.01) B26B 21/40 (2006.01)**
[25] EN
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[54] **CARTOUCHE DE RASOIR DE RASAGE**
[72] WASHINGTON, JACK ANTHONY, US
[72] JOLLEY, WILLIAM OWEN, US
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-09-21
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[30] EP (15160876.7) 2015-03-25

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[51] **Int.Cl. E02F 9/00 (2006.01) E02F 3/00 (2006.01) E02F 9/08 (2006.01) E02F 9/10 (2006.01) E02F 9/12 (2006.01) E02F 9/16 (2006.01)**
[25] EN
[54] **EXCAVATOR**
[54] **EXCAVATEUR**
[72] MURTHA, DONALD J., US
[71] MURTHA, DONALD J., US
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[54] **SURGICAL TOOL TRACKING TO CONTROL SURGICAL SYSTEM**
[54] **SUIVI D'OUTIL CHIRURGICAL POUR COMMANDER UN SYSTEME CHIRURGICAL**
[72] REN, HUGANG, US
[72] YU, LINGFENG, US
[71] NOVARTIS AG, CH
[85] 2017-09-21
[86] 2016-02-23 (PCT/US2016/019146)
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[54] **PADDLE STYLE ORIFICE PLATE WITH INTEGRAL PRESSURE PORTS**
[54] **PLAQUE A ORIFICES DE STYLE PALETTE DOTEE D'ORIFICES DE PRESSION INTEGRES**
[72] STEHLE, JOHN HENRY, US
[72] DEEGAN, PAUL TIMOTHY, US
[72] IFFT, STEPHEN ARTHUR, US
[71] DIETERICH STANDARD, INC., US
[85] 2017-09-21
[86] 2016-03-10 (PCT/US2016/021663)
[87] (WO2016/160298)
[30] US (14/674,434) 2015-03-31

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[51] **Int.Cl. F16K 31/04 (2006.01) A62C 2/24 (2006.01) F24F 11/00 (2006.01) F24F 13/10 (2006.01) H02P 7/00 (2016.01) H02P 23/00 (2016.01)**
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[54] **STORED ENERGY FOR FAILSAFE VALVE**
[54] **ENERGIE STOCKEE POUR VALVE A SURETE INTEGREE**
[72] CHARLES, DONALD E., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2017-09-21
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[25] EN
[54] **SHAVING RAZOR CARTRIDGE**
[54] **CARTOUCHE DE RASOIR**
[72] WASHINGTON, JACK ANTHONY, US
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-09-21
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[30] EP (15160870.0) 2015-03-25

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[25] EN
[54] **SHAVING RAZOR CARTRIDGE**
[54] **CARTOUCHE DE RASOIR DE RASAGE**
[72] BRUNO, MICHAEL HAL, US
[72] WASHINGTON, JACK ANTHONY, US
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-09-21
[86] 2016-03-10 (PCT/US2016/021712)
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[30] EP (15160873.4) 2015-03-25

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[25] EN
[54] **EXTERNAL FIXATION**
[54] **FIXATION EXTERNE**
[72] ERICKSON, NATHAN, US
[71] ZIMMER, INC., US
[85] 2017-09-21
[86] 2016-03-21 (PCT/US2016/023400)
[87] (WO2016/154107)
[30] US (14/668,282) 2015-03-25

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[25] EN
[54] **SYSTEM AND METHOD FOR REAL-TIME CONDITION MONITORING OF AN ELECTRIC SUBMERSIBLE PUMPING SYSTEM**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'ETAT EN TEMPS REEL D'UN SYSTEME DE POMPAGE SUBMERSIBLE ELECTRIQUE**
[72] MARVEL, ROBERT LEE, US
[72] WALKER, TYLER, US
[72] BHATNAGAR, SAMVED, US
[71] GE OIL & GAS ESP, INC., US
[85] 2017-09-21
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[13] A1
[51] **Int.Cl. E04H 17/02 (2006.01) E04H 17/10 (2006.01)**
[25] EN
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[54] **BARRIERE DE RAIL DE CABLE HORIZONTAL**
[72] BURT, KEVIN T., US
[72] SHERSTAD, MATTHEW CARLYLE, US
[71] FORTRESS IRON, LP, US
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[86] 2015-04-13 (PCT/US2015/025567)
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[25] EN
[54] **CORN PROTEIN ISOLATE AND METHODS OF MANUFACTURING SAME**
[54] **ISOLAT DE PROTEINE DE MAIS ET PROCEDES POUR LE PRODUIRE**
[72] CHEN, YUMIN, US
[72] PETERS, EUGENE MAX, JR., US
[72] PORTER, MICHAEL A., US
[72] WILSON, CRAIG A., US
[72] YEHIA, HADI NAYEF, US
[72] ZHENG, GUO-HUA, US
[71] CARGILL, INCORPORATED, US
[85] 2017-09-21
[86] 2016-03-24 (PCT/US2016/024020)
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[30] US (62/137,526) 2015-03-24

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DIGITAL ANALYSIS OF CIRCULATING TUMOR CELLS IN BLOOD SAMPLES**
[54] **ANALYSE NUMERIQUE DE CELLULES TUMORALES CIRCULANTES DANS DES ECHANTILLONS DE SANG**
[72] HABER, DANIEL A., US
[72] KAPUR, RAVI, US
[72] TONER, MEHMET, US
[72] MAHESWARAN, SHYAMALA, US
[72] HONG, XIN, US
[72] MIYAMOTO, DAVID TOMOAKI, US
[72] TODOROVA, TANYA, US
[72] JAVAID, SARAH, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[86] 2016-03-25 (PCT/US2016/024367)
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[30] US (62/137,891) 2015-03-25
[30] US (62/219,339) 2015-09-16
[30] US (62/253,619) 2015-11-10

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[51] **Int.Cl. B65D 85/24 (2006.01) B65D 85/20 (2006.01)**
[25] EN
[54] **IMITATION LIPSTICK WITH CONCEALED TOOTH CLEANING IMPLEMENT**
[54] **ROUGE A LEVRES FACTICE COMPRENANT UN ACCESSOIRE DE NETTOYAGE DES DENTS DISSIMULE**
[72] BRILLIANT, MARGO, US
[72] BRILLIANT, JO ANNE, US
[72] SCHWARTZ, ROBERT M., US
[71] G AND E INTERNATIONAL LLC, US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024161)
[87] (WO2017/014813)
[30] US (62/138,649) 2015-03-26
[30] US (62/168,417) 2015-05-29
[30] US (62/207,623) 2015-08-20
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[51] **Int.Cl. A61B 17/08 (2006.01) A61B 17/03 (2006.01) A61B 17/11 (2006.01)**
[25] EN
[54] **FORCE ACTUATED GRIPPING DEVICE FOR AN IMPLANTABLE PROSTHESIS**
[54] **DISPOSITIF DE SERRAGE ACTIONNE PAR FORCE POUR UNE PROTHESE IMPLANTABLE**
[72] RATHBUN, TAMI L., US
[71] C.R. BARD, INC., US
[85] 2017-09-21
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[25] EN
[54] **TOWING ASSEMBLY WITH AUTOMATIC LOCK**
[54] **ENSEMBLE REMORQUAGE COMPRENANT UN VERROU AUTOMATIQUE**
[72] FINCHER, CHARLES KENNITH, US
[71] DEFENSE PRODUCTS AND SERVICES GROUP HOLDING COMPANY, US
[85] 2017-09-21
[86] 2016-03-23 (PCT/US2016/023704)
[87] (WO2016/154264)
[30] US (14/666,722) 2015-03-24

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[25] EN
[54] **TOWING ASSEMBLY WITH AUTOMATIC ARTICULATING MECHANISM**
[54] **ENSEMBLE DE REMORQUAGE A MECANISME AUTOMATIQUE**
[72] FINCHER, CHARLES KENNITH, US
[71] DEFENSE PRODUCTS AND SERVICES GROUP HOLDING COMPANY, US
[85] 2017-09-21
[86] 2016-03-23 (PCT/US2016/023711)
[87] (WO2016/154268)
[30] US (14/666,740) 2015-03-24

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[25] EN
[54] **MAGNETIC BASE BEVERAGE CONTAINER**
[54] **CONTENANT DE BOISSON A BASE MAGNETIQUE**
[72] PINCHUK, LEONARD, US
[71] PINCHUK, LEONARD, US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024198)
[87] (WO2016/160565)
[30] US (62/140,581) 2015-03-31

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[51] **Int.Cl. G09B 9/00 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **COGNITIVE TRAINING UTILIZING INTERACTION SIMULATIONS TARGETING STIMULATION OF KEY COGNITIVE FUNCTIONS**
[54] **APPRENTISSAGE COGNITIF UTILISANT DES SIMULATIONS D'INTERACTION CIBLANT UNE STIMULATION DE FONCTIONS COGNITIVES CLES**
[72] SCHAEFGEN, MATTHEW POLLARD, US
[71] SCHAEFGEN, MATTHEW POLLARD, US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024231)
[87] (WO2016/154543)
[30] US (62/138,741) 2015-03-26

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[51] **Int.Cl. B65D 41/34 (2006.01) B65D 41/32 (2006.01) B65D 55/16 (2006.01)**
[25] EN
[54] **CAP FOR CONTAINER**
[54] **CAPUCHON POUR RECIPIENT**
[72] MAGUIRE, MICHAEL, US
[71] MAGUIRE, MICHAEL, US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024286)
[87] (WO2016/160591)
[30] TW (104110838) 2015-04-02
[30] US (14/725,246) 2015-05-29

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[25] EN
[54] **NK-92 CELLS IN COMBINATION THERAPY WITH CANCER DRUGS**
[54] **CELLULES NK-92 UTILISEES DANS UNE POLYTHERAPIE EN ASSOCIATION AVEC DES MEDICAMENTS ANTICANCEREUX**
[72] LEE, TIEN, US
[72] KLINGEMANN, HANS G., US
[72] SIMON, BARRY J., US
[71] NANTKWEST, INC., US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024360)
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[30] US (62/139,330) 2015-03-27

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[51] **Int.Cl. A61B 16/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **AUTOMATED AUTOPSY SYSTEM**
[54] **SYSTEME D'AUTOPSIE AUTOMATISE**
[72] HYNNA, KAI, CA
[72] RICHMOND, JOSHUA LEE, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] VUONG, THANH VINH, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-09-22
[86] 2015-03-23 (PCT/CA2015/050223)
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[25] EN
[54] **WATER PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'EAU**
[72] BRADLEY, JOHN MARTIN, AU
[71] NUBENT PTY LTD, AU
[85] 2017-09-22
[86] 2015-03-25 (PCT/AU2015/050132)
[87] (WO2015/143506)
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[25] EN
[54] **A METHOD OF TREATING NEOPLASIAS**
[54] **METHODE DE TRAITEMENT DE NEOPLASIES**
[72] WATKINS, DAVID N., AU
[72] MARINI, KIEREN D., AU
[72] DE KRETSER, DAVID MORRITZ, AU
[71] PARANTA BIOSCIENCES LIMITED, AU
[85] 2017-09-22
[86] 2016-03-23 (PCT/AU2016/050213)
[87] (WO2016/161477)
[30] AU (2015901244) 2015-04-07

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[51] **Int.Cl. F16M 13/02 (2006.01) B60R 11/02 (2006.01) B64D 11/00 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **TOUCHSCREEN TABLET COMPUTING DEVICE SUPPORT**
[54] **SUPPORT POUR DISPOSITIF INFORMATIQUE DE TYPE TABLETTE A ECRAN TACTILE**
[72] GOUPIL, BERNARD, CA
[71] ATLAS DIVERTISSEMENT INC., CA
[85] 2017-09-22
[86] 2016-04-04 (PCT/CA2016/000102)
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[25] EN
[54] **STREPTOCOCCAL VACCINE**
[54] **VACCIN STREPTOCOCCIQUE**
[72] BABB, RACHELLE, AU
[72] ALSHARIFI, MOHAMMED, AU
[72] CHEN, AUSTEN YANNIS, AU
[72] DAVID, SHANNON CHRISTA, AU
[72] HIRST, TIMOTHY RAYMOND, AU
[72] OGUNNIYI, ABIODUN DAVID, AU
[72] PATON, JAMES CLELAND, AU
[71] GPN VACCINES PTY LTD, AU
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[25] EN
[54] **COMPRESSION APPARATUS**
[54] **APPAREIL DE COMPRESSION**
[72] GRAHAM, NEIL DERYCK BRAY, AU
[71] LONG PIPES PTY LTD, AU
[85] 2017-09-22
[86] 2015-06-03 (PCT/AU2015/000332)
[87] (WO2015/184488)
[30] AU (2014902123) 2014-06-03
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[25] EN
[54] **OPERATING ROOM BLACK-BOX DEVICE, SYSTEM, METHOD AND COMPUTER READABLE MEDIUM FOR EVENT AND ERROR PREDICTION**
[54] **DISPOSITIF DE BOITE NOIRE DE SALLE D'OPERATION, SYSTEME, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] GRANTCHAROV, TEODOR PANTCHEV, CA
[72] YANG, KEVIN LEE, CA
[71] SURGICAL SAFETY TECHNOLOGIES INC., CA
[85] 2017-09-22
[86] 2016-03-24 (PCT/CA2016/000081)
[87] (WO2016/149794)
[30] US (62/138,647) 2015-03-26
[30] CA (PCT/CA2015/000504) 2015-09-23

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[25] EN
[54] **TEMPERATURE INVARIANT FORCE AND TORQUE SENSOR ASSEMBLIES**
[54] **ENSEMBLES CAPTEURS DE FORCE ET DE COUPLE INSENSIBLES AUX VARIATIONS DE TEMPERATURE**
[72] JANABI-SHARIFI, FARROKH, CA
[72] CHEEMA, ASIM, CA
[72] TAGHIPOUR, ATA, CA
[71] JANABI-SHARIFI, FARROKH, CA
[71] CHEEMA, ASIM, CA
[71] TAGHIPOUR, ATA, CA
[85] 2017-09-22
[86] 2016-03-22 (PCT/CA2016/050331)
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[30] US (62/136,817) 2015-03-23

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[25] EN
[54] **VALVE PACKING ASSEMBLY HAVING SHAPE-MEMORY MEMBER**
[54] **ENSEMBLE GARNITURE DE VANNE MUNI D'UN ELEMENT A MEMOIRE DE FORME**
[72] BOOR, RICK, CA
[72] GUEROUT, FABRICE, CA
[72] STEVENSON, MATHEW, CA
[71] ATOMIC ENERGY OF CANADA LIMITED/ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
[85] 2017-09-22
[86] 2016-03-23 (PCT/CA2016/050332)
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[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/071 (2010.01) C12N 5/09 (2010.01) A61K 35/17 (2015.01) C12N 5/10 (2006.01)**
[25] EN
[54] **AGENTS AND COMPOSITIONS FOR ELICITING AN IMMUNE RESPONSE**
[54] **AGENTS ET COMPOSITIONS DESTINES A INDUIRE UNE REPONSE IMMUNITAIRE**
[72] RALPH, STEPHEN, AU
[71] CANCURE LIMITED, AU
[85] 2017-09-22
[86] 2016-04-01 (PCT/AU2016/050250)
[87] (WO2016/154684)
[30] AU (2015901218) 2015-04-02

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[13] A1
[51] **Int.Cl. H04W 74/00 (2009.01)**
[25] EN
[54] **METHOD FOR SENDING UPLINK MULTI-USER TRANSMISSION TRIGGER FRAME, ACCESS POINT, AND STATION**
[54] **PROCEDE PERMETTANT D'ENVOYER UNE TRAME DE DECLENCHEMENT DE TRANSMISSION MULTI-UTILISATEUR EN LIAISON MONTANTE, POINT D'ACCES ET STATION**
[72] GUO, YUCHEN, CN
[72] LIN, MEILU, CN
[72] YANG, XUN, CN
[72] YU, JIAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-22
[86] 2015-04-17 (PCT/CN2015/076889)
[87] (WO2016/149970)
[30] CN (PCT/CN2015/074951) 2015-03-24

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **SOLID PHASE NUCLEIC ACID TARGET CAPTURE AND REPLICATION USING STRAND DISPLACING POLYMERASES**
[54] **CAPTURE ET REPLICATION DE CIBLE D'ACIDE NUCLEIQUE EN PHASE SOLIDE A L'AIDE DE POLYMERASES DEPLACANT LES BRINS**
[72] ENGLERT, DAVID FREDERICK, US
[72] SETO, KELLY KAI YIN, CA
[71] AXELA INC., CA
[85] 2017-09-22
[86] 2016-03-29 (PCT/CA2016/050367)
[87] (WO2016/149837)
[30] US (62/138,191) 2015-03-25

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[51] **Int.Cl. B01J 37/00 (2006.01) C10G 49/02 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CATALYST PREPARATION UNIT FOR USE IN PROCESSING OF HEAVY HYDROCARBONS**
[54] **UNITE DE PREPARATION DE CATALYSEUR, DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT D'HYDROCARBURES LOURDS**
[72] PEREIRA ALMAO, PEDRO, CA
[72] PEREIRA COTA, AMELI SOFIA, CA
[72] COY PLAZAS, ALEJANDRO, CA
[72] SCOTT, CARLOS EDUARDO, CA
[71] PC-CUPS LTD., CA
[85] 2017-09-22
[86] 2016-04-07 (PCT/CA2016/050399)
[87] (WO2016/161512)
[30] US (62/143,941) 2015-04-07

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[13] A1
[51] **Int.Cl. A46B 17/04 (2006.01)**
[25] EN
[54] **MOBILE TOOTHBRUSH HOLDER**
[54] **SUPPORT DE BROSSE A DENTS MOBILE**
[72] LAMOTHE, DENIS, CA
[72] LAMOTHE, JEAN, CA
[71] MAXOR INC., CA
[85] 2017-09-22
[86] 2016-04-13 (PCT/CA2016/050426)
[87] (WO2016/165015)
[30] CA (2,887,531) 2015-04-13

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[13] A1
[51] **Int.Cl. A46B 17/06 (2006.01) A45D 44/18 (2006.01) A46B 11/00 (2006.01) A46B 17/00 (2006.01) A47G 29/08 (2006.01) A47K 1/09 (2006.01) A47K 5/18 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HOLDER WITH BRISTLE TREATMENT LIQUID DISPENSER**
[54] **SUPPORT DE BROSSE A DENTS AVEC DISTRIBUTEUR DE LIQUIDE DE TRAITEMENT DE CRINS**
[72] LAMOTHE, DENIS, CA
[72] LAMOTHE, JEAN, CA
[71] MAXOR INC., CA
[85] 2017-09-22
[86] 2016-04-11 (PCT/CA2016/050411)
[87] (WO2016/165013)
[30] US (62/146,292) 2015-04-11
[30] CA (2,887,522) 2015-04-13

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[13] A1
[51] **Int.Cl. G01N 33/46 (2006.01) G01M 99/00 (2011.01) G01N 3/42 (2006.01) G01N 27/04 (2006.01)**
[25] FR
[54] **METROLOGY DEVICE AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE METROLOGIE ET PROCEDE ASSOCIE**
[72] SANDOZ, JEAN-LUC, CH
[72] BENNOIT, YANN, CH
[72] GASSER, JEAN-DANIEL, CH
[71] TECSAN, CH
[85] 2017-09-22
[86] 2016-03-18 (PCT/EP2016/056057)
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|51| **Int.Cl. C09D 133/08 (2006.01) C08L 33/08 (2006.01) C08L 33/10 (2006.01) C09D 133/10 (2006.01)**
|25| EN
|54| **A BINDER COMPOSITION AND A PAINT FORMULATION MADE THEREOF**
|54| **COMPOSITION DE LIANTS ET FORMULATION DE PEINTURE FABRIQUEE A PARTIR DE CETTE DERNIERE**
|72| ZHANG, SHILING, CN
|72| ZUKOWSKI, LUKASZ, AE
|72| WANG, YUJIANG, CN
|72| YUN, DONG, CN
|72| LI, LING, CN
|72| WU, YOUJUN, CN
|71| DOW GLOBAL TECHNOLOGIES LLC, US
|71| ROHM AND HAAS COMPANY, US
|85| 2017-09-22
|86| 2015-03-31 (PCT/CN2015/075462)
|87| (WO2016/154879)

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|51| **Int.Cl. B03C 5/02 (2006.01) E21B 21/06 (2006.01) B01D 21/00 (2006.01) C09K 8/36 (2006.01)**
|25| EN
|54| **ELECTRO-SEPARATION CELL WITH SOLIDS REMOVAL**
|54| **CELLULE A ELECTRO-SEPARATION AVEC ELIMINATION DE MATIERES SOLIDES**
|72| FRISKY, SEAN, CA
|72| BEAUDIN, JASON, CA
|72| LEE, JUSTIN, CA
|72| WOLENSKY, JOEL, CA
|71| GROUND EFFECTS ENVIRONMENTAL SERVICES INC., CA
|85| 2017-09-22
|86| 2015-03-31 (PCT/CA2015/000196)
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|51| **Int.Cl. B23P 19/00 (2006.01) B23P 19/02 (2006.01) B23P 19/04 (2006.01) B23P 21/00 (2006.01)**
|25| EN
|54| **CELL FOR INSERTING COMPONENTS INTO A WORKPIECE**
|54| **CELLULE POUR L'INSERTION D'ELEMENTS DANS UNE PIECE A TRAVAILLER**
|72| ANSOLA IRURETA, JULEN, ES
|72| PENA ARRUTI, JAVIER, ES
|72| ORTE SEBASTIAN, JULIAN, ES
|71| GAINDU, S.L., ES
|85| 2017-09-22
|86| 2016-03-22 (PCT/EP2016/056299)
|87| (WO2016/150983)
|30| EP (15382148.3) 2015-03-26

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|51| **Int.Cl. B66B 11/02 (2006.01)**
|25| EN
|54| **ELEVATOR CARRIAGE POSITIONING AND ENCODING SYSTEM AND CONTROL METHOD**
|54| **SYSTEME DE POSITIONNEMENT ET DE CODAGE DE CABINE D'ASCENSEUR ET PROCEDE DE COMMANDE**
|72| ZHU, ZHENCAI, CN
|72| CAO, GUOHUA, CN
|72| WANG, LEI, CN
|72| HUANG, YUHONG, CN
|72| PENG, XINGYU, CN
|72| ZHOU, GONGBO, CN
|72| LI, WEI, CN
|71| CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
|85| 2017-09-22
|86| 2015-12-28 (PCT/CN2015/099161)
|87| (WO2017/092111)
|30| CN (201510875146.5) 2015-12-03

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|51| **Int.Cl. G06F 19/00 (2011.01)**
|25| EN
|54| **METHOD FOR DETERMINING GASTROINTESTINAL TRACT DYSBIOSIS**
|54| **PROCEDE DE DETERMINATION D'UNE DYSBIOSE DU TRACTUS GASTRO-INTESTINAL**
|72| LINDAHL, TORBJORN, NO
|72| KARLSSON, MAGDALENA, NO
|72| SEKELJA, MONIKA, NO
|72| HEGGE, FINN, NO
|71| GENETIC ANALYSIS AS, NO
|85| 2017-09-22
|86| 2016-03-24 (PCT/EP2016/056670)
|87| (WO2016/156251)
|30| GB (1505364.8) 2015-03-27

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|51| **Int.Cl. C08G 81/02 (2006.01) C08G 73/02 (2006.01)**
|25| EN
|54| **VESICLES FORMED FROM BLOCK COPOLYMERS, AND NOVEL BLOCK COPOLYMERS**
|54| **VESICULES FORMEES A PARTIR DE COPOLYMERES SEQUENCES ET NOUVEAUX COPOLYMERES SEQUENCES**
|72| GRZELAKOWSKI, MARIUSZ PIOTR, US
|72| KUMAR, MANISH, US
|72| SINES, IAN, US
|71| APPLIED BIOMIMETIC A/S, DK
|71| THE PENN STATE RESEARCH FOUNDATION, US
|85| 2017-09-22
|86| 2016-03-24 (PCT/EP2016/056504)
|87| (WO2016/151073)
|30| US (62/137,320) 2015-03-24

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTI-CD89 CYTOTOXIC COMPLEX**
[54] **COMPLEXE CYTOTOXIQUE ANTI-CD89**
[72] STEIN, CHRISTOPH, DE
[72] MLADENOV, RADOSLAV, DE
[72] STOCKMEYER, BERNHARD, DE
[72] BARTH, STEFAN, DE
[72] HEIN, LEA CHRISTIN, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN, DE
[85] 2017-09-22
[86] 2015-03-25 (PCT/EP2015/056386)
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[51] **Int.Cl. F03D 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE REMAINING SERVICE LIFE OF A WIND TURBINE**
[54] **PROCEDE SERVANT A DETERMINER LA DUREE DE VIE RESTANTE D'UNE EOLIENNE**
[72] BRENNER, ALBRECHT, DE
[72] ZIEMS, JAN CARSTEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-09-22
[86] 2016-04-13 (PCT/EP2016/058068)
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[30] DE (10 2015 206 515.4) 2015-04-13

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[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **TRACK-INDEXED SYRINGE**
[54] **SERINGUE A PISTE INDEXEE**
[72] TORNSTEN, JONAS, SE
[72] BLOMQVIST, MAX, SE
[71] Q-MED AB, SE
[85] 2017-09-22
[86] 2016-03-24 (PCT/EP2016/056559)
[87] (WO2016/151091)
[30] EP (15160799.1) 2015-03-25

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[13] A1
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 11/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **HETEROCYCLYLMETHYL-THIENOURACILE AS ANTAGONISTS OF THE ADENOSINE-A2B-RECEPTOR**
[54] **HETEROCYCLYLMETHYLE-THIENOURACILES UTILISES COMME ANTAGONISTES DU RECEPTEUR A2B DE L'ADENOSINE**
[72] HARTER, MICHAEL, DE
[72] KOSEMUND, DIRK, DE
[72] DELBECK, MARTINA, DE
[72] KALTHOF, BERND, DE
[72] WASNAIRE, PIERRE, DE
[72] SUSSMEIER, FRANK, DE
[72] LUSTIG, KLEMENS, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-09-22
[86] 2016-03-21 (PCT/EP2016/056106)
[87] (WO2016/150901)
[30] EP (15161165.4) 2015-03-26
[30] EP (15174566.8) 2015-06-30
[30] EP (15184732.4) 2015-09-10

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[72] FRITZ, HELMUT, DE
[72] ZANDER, HANS-JORG, DE
[72] KIRZINGER, ANTON, DE
[72] FREISINGER, JOSEF, DE
[72] ULUBAY, CAN, DE
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[54] **PIEGE A INTERACTION PETITE MOLECULE-PROTEINE A BASE DE PARTICULE PSEUDO-VIRALE (VLP)**
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[72] SEOHYUN, AHN, KR
[72] YEEJIN, JEON, KR
[72] DOOHYUNG, LEE, KR
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[54] **DERIVES DE 2-HOMOPIPERAZINE-1-YL-4 H-1,3-BENZOTHIAZINE-4-ONE ET PROCEDE DE PREPARATION DE CHLORHYDRATE DE 2-(HOMO)PIPERAZINE 1,3-BENZOTHIAZINE-4-ONE**
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[72] MAKAROV, VADIM ALBERTOVICH, RU
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[72] POUYLLAU, HELIA, FR
[72] SAVEANT, PIERRE, FR
[72] SEMET, YANN, FR
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[54] **PROCEDE ET SYSTEME D'ELIMINATION DE MATIERES PARTICULAIRES DES GAZ D'ECHAPPEMENT DE MOTEUR OU EQUIPEMENT DE TRAITEMENT**
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[54] **SYSTEME DE PRODUCTION D'ELECTRICITE PAR PILE A COMBUSTIBLE SOFC AVEC CIRCULATION DES ESPECES CARBONEES EN BOUCLE FERMEE**
[72] REYTIER, MAGALI, FR
[72] NOIROT LE BORGNE, ISABELLE, FR
[72] ROUX, GUILHEM, FR
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[54] **COMPOSITION PHARMACEUTIQUE ET SON UTILISATION**
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[72] ANDRES, PHILIPPE, FR
[71] GALDERMA SA, CH
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[54] **POLYMERES DE POLYISOCYANURATE ET PROCEDE DE PRODUCTION DE POLYMERES DE POLYISOCYANURATE**
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[72] MAGER, DIETER, DE
[72] MATNER, MATHIAS, DE
[72] ACHTEN, DIRK, DE
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[54] **PRODUCTION HAUTE DENSITE DE BIOMASSE ET D'HUILE AU MOYEN DE GLYCEROL BRUT**
[72] PURDUE, LAURA, CA
[72] MILWAY, MICHAEL, CA
[72] BERRYMAN, KEVIN, CA
[72] VALENTINE, MERCIA, CA
[72] SUN, ZHIYONG, CA
[72] ARMENTA, ROBERTO E., CA
[71] MARA RENEWABLES CORPORATION, CA
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[54] **METHOD AND DEVICE FOR PRODUCING A TRIPLE INSULATING GLAZING UNIT**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UN TRIPLE VITRAGE ISOLANT**
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[72] SCHREIBER, WALTER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **PROCEDE ET SYSTEME POUR OPTIMISER LE DEPLACEMENT DE PRODUITS A L'AIDE D'UNITES D'ENTRAINEMENT ROBOTIQUES (RDU) DANS UN ENVIRONNEMENT D'ENTREPOT**
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[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION CONTENANT DES GLYCERIDES CONTENANT DU DHA**
[72] KOBAYASHI, HIDEAKI, JP
[72] HOSHINA, RYOSUKE, JP
[72] KATAGIRI, KAZUMI, JP
[71] KEWPIE CORPORATION, JP
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[54] **FEUILLE ARRIERE DE MODULE SOLAIRE, ET MODULE SOLAIRE**
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[72] ITO, KENGO, JP
[72] TANIOKA, ERI, JP
[72] IMOTO, KATSUHIKO, JP
[72] NAKAGAWA, HIDETO, JP
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[54] **PROCEDE DE SOUDAGE PAR POINTS DE TOLE EN ACIER PLAQUEE**
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[72] WAKABAYASHI, CHISATO, JP
[72] HAYASHI, KUNIO, JP
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[72] KURIHARA, TAKESHI, JP
[71] KOMATSU LTD., JP
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[54] **PROCEDE DE PRODUCTION A TENEUR EN ION CUIVRE CONTROLEE**
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[72] DOI, HIROYUKI, JP
[72] TERASHIMA, ISAMU, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
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[54] **INDICATEUR VISUEL POUR UN COUPLEUR**
[72] KEIGHLEY, GARTH COLIN, NZ
[72] RIDER, ANDREW JAMES PHILLIP, NZ
[72] GIBSON, ASHLEY CRAIG, NZ
[71] WEDGELOCK EQUIPMENT LIMITED, NZ
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[54] **SYSTEMES ET PROCEDES POUR EXECUTER DES TRANSACTIONS SECURISEES DE MANIERE CRYPTOGRAPHIQUE A L'AIDE DE LA VOIX ET D'UN TRAITEMENT DE LANGAGE NATUREL**
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[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **COUCHE INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
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[72] KAWATE, HIROSHI, JP
[72] HIROTA, ETSUROU, JP
[72] KIDO, KOJI, JP
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[54] **SYSTEMES ET PROCEDES DE POSE OCULAIRE**
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[54] **POLYPEPTIDES NS4A/NS3 MODIFIE DU VHC ET LEURS UTILISATIONS**
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[72] COIT, DORIS GUENZI, US
[72] FUJIHARA, TOSHIYA, JP
[72] GYENES, ALEXANDER, US
[72] HALL, JOHN ANDREW, US
[72] MEDINA-SELBY, ANGELICA, US
[72] ZHENG, JIAN, US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
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[72] YAGI, NOBUHIRO, JP
[72] KUBOYAMA, TAKESHI, JP
[72] YAGI, KAORI, JP
[72] HOSOE, SHINTARO, JP
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[72] FAWCETT, LYMAN W., US
[71] HALKEY-ROBERTS CORPORATION, US
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[71] SONITRACK SYSTEMS, INC., US
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[54] **COMPOSES DE MINOCYCLINE POUR LA DEFENSE BIOLOGIQUE**
[72] DRAPER, MICHAEL P., US
[72] TANAKA, S. KEN, US
[71] PARATEK PHARMACEUTICALS, INC., US
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[72] BERNARD, JULIE, US
[72] BERNARD, HELENE, US
[71] HJLB, LLC, US
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[54] **ROUTAGE D'ETIQUETTES DE SERVICE DANS UN RESEAU**
[72] FERGUSON, FRANCIS, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-09-22
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[54] **METHOD AND APPARATUS FOR TRANSPORTING AND STEERING A HEAVY LOAD**
[54] **PROCEDE ET APPAREIL POUR TRANSPORTER ET DIRIGER UNE CHARGE LOURDE**
[72] CRISP, IRA JAMES, US
[72] CSERGEI, STEVEN ANDREW, US
[71] COLUMBIA TRAILER CO., INC., US
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[54] **SACS ET PROCEDES DE FABRICATION DE SACS**
[72] WEHRMANN, RICK STEVEN, US
[72] LERNER, BERNARD, US
[71] AUTOMATED PACKAGING SYSTEMS, INC., US
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[54] **BLOC DE BANDE DE ROULEMENT OU NERVURE DE BANDE DE ROULEMENT DE PNEU CONVEXE A DEUX DOMES**
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[71] COOPER TIRE & RUBBER COMPANY, US
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[54] **FILTRE A AIR DE CABINE**
[72] WILLIAMS, STEVE, US
[72] WALL, JERE JAMES, US
[72] ROSENBAUM, AMIR, US
[71] K&N ENGINEERING, INC., US
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[54] **DISPOSITIFS ET METHODES DE FERMETURE D'APPENDICE AURICULAIRE GAUCHE**
[72] FUNG, GREGORY W., US
[72] BRADLEY, ALAN L., US
[72] CLARK, ROBERT L., US
[72] PONG, RUSSELL, US
[72] SEIBER, RUSSELL A., US
[71] SENTREHEART, INC., US
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[54] **SYSTEME DE REPARATION D'ARTICULATION**
[72] GOLDEN, STEVEN S., US
[72] FERNANDEZ, ROBERT, US
[72] COHEN, NATHANIEL, US
[72] DAVIDSON, PHIL, US
[72] BROWN, TREG, US
[72] DORIGHI, MARK, US
[72] SARAVIA, HEBER, US
[71] CORACOID SOLUTIONS, LLC, US
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[54] **ARTICULATION SYSTEMS, DEVICES, AND METHODS FOR CATHETERS AND OTHER USES**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'ARTICULATION POUR CATHETERS ET AUTRES UTILISATIONS**
[72] LABY, KEITH PHILLIP, US
[72] BOURANG, HENRY, US
[72] BARRISH, MARK D, US
[71] PROJECT MORAY, INC., US
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[54] **UTILISATION D'INHIBITEURS DE KIT POUR CONDITIONNER DES PATIENTS EN VUE D'UNE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES (SCH)**
[72] MALIK, PUNAM, US
[72] CHANDRAKASAN, SHANMUGANATHAN, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[54] **PARTIES SUPERIEURES DE TUBES/BOUTEILLES COMPORTANT UNE LUMIERE DE BOUCHON INTEGREE POUR DISTRIBUER DES PORTIONS SUR UNE ZONE CIBLE**
[72] STAEBEN, JAMES AARON, US
[72] STAEBEN, ERIN M., US
[71] FLIP-LIGHTS, LLC, US
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[54] **PROTEINES DE FUSION ASSOCIEES A LA FOLLISTATINE ET LEURS UTILISATIONS**
[72] KUMAR, RAVINDRA, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE S., US
[71] ACCELERON PHARMA INC., US
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[54] **EXTENSION DE CAPACITES DE DISPOSITIFS INFORMATIQUES MOBILES**
[72] BALOGH, AKOS, US
[71] MSC ACCESSORIES CORP., US
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[54] **METHODES DE TRAITEMENT DE L'OBESITE ET DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE OU DE LA STEATOHEPATITE NON ALCOOLIQUE A L'AIDE D'ANTICORPS ANTI-RECEPTEUR DE GLUCAGON**
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[72] SHI, JIM, US
[72] OH, JEONG, US
[71] REMD BIOTHERAPEUTICS, INC., US
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[72] HURRY, SIMON, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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|54| **TRANSFERT DE DONNEES MULTI-PROTOCOLE**
|72| JONES, CHRISTOPHER, US
|72| SHARMA, SANJEEV, US
|72| FLURSCHEIM, CHRISTIAN, US
|72| SRIVASTAVA, CHANDRA, US
|72| SHASTRY, VISHWANATH, US
|72| PIRZADEH, KIUSHAN, US
|72| AABYE, CHRISTIAN, US
|71| VISA INTERNATIONAL SERVICE ASSOCIATION, US
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|54| **ATTENUATEUR MODAL**
|72| EILERS, DANIEL J., US
|72| FAGERLUND, ALLEN C., US
|71| FISHER CONTROLS INTERNATIONAL LLC, US
|85| 2017-09-22
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|54| **PROCEDE ET SYSTEME D'IMAGES ECHOGRAPHIQUES ET DE TOMOGRAPHIE ASSISTEE PAR ORDINATEUR**
|72| BEN-LAVI, ELIEZER AZI, CA
|72| FENSTER, AARON, CA
|71| CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION (CIMTEC), CA
|71| THE UNIVERSITY OF WESTERN ONTARIO, CA
|85| 2017-09-25
|86| 2015-03-31 (PCT/CA2015/000211)
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|54| **ENHANCER COMPOSITIONS FOR AGRICULTURAL CHEMICALS AND AGRICULTURAL CHEMICAL COMPOSITIONS**
|54| **COMPOSITIONS D'AMPLIFICATEUR POUR PRODUITS CHIMIQUES AGRICOLES ET COMPOSITIONS CHIMIQUES AGRICOLES**
|72| QUINTERO, JOSE ALEJANDRO RODRIGUEZ., CO
|71| IBEX BIONOMICS, LLC, US
|85| 2017-09-22
|86| 2016-05-23 (PCT/US2016/033689)
|87| (WO2016/154635)
|30| US (62/137,182) 2015-03-23
|30| US (15/161,283) 2016-05-22

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|54| **INFORMATIONS DE TEMPS ET DE TEMPS-FREQUENCE DE SYSTEME**
|72| FAY, LUKE, US
|71| SONY CORPORATION, JP
|85| 2017-09-22
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|87| (WO2016/196059)
|30| US (62/170,089) 2015-06-02
|30| US (15/077,601) 2016-03-22

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|51| **Int.Cl. E05B 63/14 (2006.01) E05B 27/00 (2006.01)**
|25| EN
|54| **METHOD FOR MUTUALLY CONTROLLING AND UNLOCKING A DUAL PLUG IN A LOCK AND A LOCK WITH A DUAL PLUG**
|54| **PROCEDE DE COMMANDE ET DE DECODAGE RECIPROQUE DE BARILLET DE SERRURE DOUBLE POUR SERRURE ET SERRURE A COMMANDE RECIPROQUE A BARILLET DOUBLE**
|72| CHU, KAPAN, CN
|71| CHU, KAPAN, CN
|85| 2017-09-25
|86| 2016-02-03 (PCT/CN2016/073360)
|87| (WO2016/150258)
|30| CN (201510130241.2) 2015-03-24
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[54] **OPTICAL ASSEMBLY WITH TRANSLATABLE CENTERED SLEEVE**
[54] **ENSEMBLE OPTIQUE AVEC MANCHON CENTRE POUVANT EFFECTUER UN MOUVEMENT DE TRANSLATION**
[72] LAMONTAGNE, FREDERIC, CA
[72] DESNOYERS, NICHOLA, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2017-09-25
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[30] US (62/140,639) 2015-03-31

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[54] **SWITCHED RELUCTANCE MACHINE WITH TOROIDAL WINDING**
[54] **MACHINE A RELUCTANCE COMMUTEE AVEC ENROULEMENT TOROIDAL**
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[72] EMADI, ALI, CA
[71] MCMASTER UNIVERSITY, CA
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[54] **TRAITEMENT DE LA DOULEUR**
[72] BARDEN, JULIAN ALEXANDER, AU
[71] BIOSCEPTRE (UK) LIMITED, GB
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[54] **ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS**
[54] **ENSEMBLES TRANSDUCTEUR ET AIGUILLES A ULTRASONS FORMES DE MATERIAUX NON METALLIQUES OU D'UNE COMBINAISON DE MATERIAUX**
[72] MORADIAN, ALA, US
[72] MCCARY, BRIAN D., US
[72] GOH, TOH SENG, US
[72] FITZGERALD, MATTHEW J., US
[71] BAUSCH & LOMB INCORPORATED, US
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[54] **SOURCE SONORE COHERENTE POUR RELEVES SISMIQUES MARINS**
[72] MCCONNELL, JAMES A., US
[72] BERKMAN, EVAN F., US
[72] MURRAY, BRUCE S., US
[72] ABRAHAM, BRUCE M., US
[72] ROY, DANIEL A., US
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[54] **VEHICLE SUNSHADE APPARATUS**
[54] **DISPOSITIF PARE-SOLEIL POUR VEHICULE**
[72] GONG, JING-SHYONG, CN
[71] SHYU FUU INDUSTRIAL CO., LTD., CN
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[54] **PDE10 INHIBITORS AND RELATED COMPOSITIONS AND METHODS**
[54] **INHIBITEURS DE PDE10 AINSI QUE COMPOSITIONS ET PROCEDES ASSOCIES**
[72] GAGE, JENNIFER LYNN, US
[72] HARBOL, KEVIN L., US
[72] BOMMAGANI, RAGHURAM, IN
[72] VARAPRASAD BOTLA, DURGA, IN
[72] REDDY KARNATI, LAXMA, IN
[72] NARAYANAN, SATYAMURTHI, IN
[71] OMEROS CORPORATION, US
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[54] **PREDICTEURS GENETIQUES D'UNE REPONSE A UN TRAITEMENT PAR DES ANTAGONISTES DE CRHR1**
[72] HOLSBOER, FLORIAN, DE
[71] HMNC VALUE GMBH, DE
[85] 2017-09-25
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[54] **SYSTEMS AND METHODS FOR PERSONAL IDENTIFICATION AND VERIFICATION**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION ET DE VERIFICATION DES PERSONNES**
[72] ANDRADE, MARCUS, US
[71] BLACK GOLD COIN, INC., US
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[54] **NOVEL AND USEFUL EDIBLE SALT AND METHODS OF USE AND PRODUCTION THEREOF**
[54] **SEL COMESTIBLE NOUVEAU ET UTILE ET PROCEDES D'UTILISATION ET DE PRODUCTION DE CELUI-CI**
[72] SHALOM, EITAN, IL
[71] E.K.SALT LTD., IL
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[86] 2016-03-28 (PCT/IL2016/050332)
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[54] **CATHODE BLOCK FOR ELECTROLYTIC CELL SUITABLE FOR THE HALL-HEROULT PROCESS**
[54] **BLOC DE CATHODE POUR CELLULE ELECTROLYTIQUE CONVENANT POUR LE PROCEDE HALL/HEROULT**
[72] JONQUA, BERNARD, AE
[72] ZAROUNI, ABDALLA, AE
[71] DUBAI ALUMINIUM PJSC, AE
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[54] **SYSTEMS AND METHODS FOR MANAGING MULTI-LAYER COMMUNICATION NETWORKS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE RESEAUX DE COMMUNICATION MULTICOUCHES**
[72] GERSTEL, ORNAN ALEXANDER, IL
[71] SEDONASYS SYSTEMS LTD, IL
[85] 2017-09-25
[86] 2016-03-31 (PCT/IL2016/050350)
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[54] **INTERFACE DE PATIENT ET ASPECTS ASSOCIES**
[72] RICHARDSON, THOMAS MARK, NZ
[72] DOWNEY, JONATHAN MARK, NZ
[72] COLLINS, JANINE, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **METHODS AND APPARATUS FOR OXYGENATION AND/OR CO2 REMOVAL**
[54] **PROCEDES ET APPAREILS POUR L'OXYGENATION ET/OU L'ELIMINATION DE CO2**
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] KEOGH, GERALDINE, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] BARRACLOUGH, MICHAEL, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] HERMEZ, LAITH ADEEB, NZ
[72] BARNES, THOMAS HEINRICH, NZ
[72] WHITE, CRAIG KARL, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
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[54] **ELASTIC CRAWLER AND ELASTIC CRAWLER DRIVING MECHANISM**
[54] **CHENILLE ELASTIQUE ET MECANISME D'ENTRAINEMENT DE CHENILLE ELASTIQUE**
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[71] BRIDGESTONE CORPORATION, JP
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[54] **DISPOSITIF DE MANIPULATION DE N□UDS**
[72] HOVLAND, VIDAR, NO
[72] LANGAKER, RAGNAR, NO
[72] STORESUND, JAN ROAR, NO
[71] INAPRIL AS, NO
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[54] **ENSEMBLE REVETEMENT DE SIEGE DE TOILETTES**
[72] JACKSON, JAMES, US
[72] BOSTICK, ANTHONY, US
[71] JACKSON, JAMES, US
[71] BOSTICK, ANTHONY, US
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[54] **SOUS-ENSEMBLE AMELIORE**
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[72] PAN, PENG, SG
[72] KWEE, TIAW JOO, SG
[72] TEOW, MARK KIM CHONG, SG
[71] DRILLTECH SERVICES (ASIA) PTE LTD, SG
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[54] **SYNERGISTIC COMPOSITIONS OF DEHYDROACETIC ACID AND METHODS FOR REDUCING YELLOWING IN VARIOUS END-USER COMPOSITIONS**
[54] **COMPOSITIONS SYNERGIQUES D'ACIDE DESHYDROACETIQUE ET PROCEDES POUR REDUIRE LE JAUNISSEMENT DANS DIVERSES COMPOSITIONS D'UTILISATEUR FINAL**
[72] PREMACHANDRAN, RAMAN, US
[72] MEHTA, KALPA, US
[72] GUPTA, JYOTI, US
[72] HAKIMI, NAJEEB H., US
[72] WINKOWSKI, KAREN, US
[71] ISP INVESTMENTS LLC, US
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[54] **COMPARTMENTALIZED AUTO-INJECTION SYSTEM**
[54] **SYSTEME D'AUTO-INJECTION COMPARTIMENTE**
[72] EBERT, TYLER, US
[72] KUEHN, CHRISTOPHER, US
[71] ADRENACARD, INC., US
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[54] **SYSTEMS AND METHODS FOR GUARANTEEING DELIVERY OF PUSHED DATA TO REMOTE CLIENTS**
[54] **SYSTEMES ET PROCEDES POUR LA GARANTIE D'ACHEMINEMENT DE DONNEES DISTRIBUEES A DES CLIENTS DISTANTS**
[72] MOKHTARI, SASAN, US
[72] SLUTSKER, ILLYA WILLIAM, US
[72] THAKUR, ABHIMANYU, US
[72] GONZALEZ-PEREZ, CARLOS, US
[71] OPEN ACCESS TECHNOLOGY INTERNATIONAL, INC., US
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[54] **CHALUMEAU MULTIFONCTION**
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[71] LAMPLIGHT FARMS INCORPORATED, US
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[54] **GREFFON THERMOCONDUCTEUR**
[72] D'AMBROSIO, RAIMONDO, US
[72] BROWD, SAMUEL R., US
[72] MILLER, JOHN W., US
[72] OJEMANN, JEFFREY G., US
[72] FENDER, JASON, GB
[72] EASTMAN, CLIFFORD L., GB
[72] SMYTH, MATTHEW, GB
[72] ROTHMAN, STEVEN M., GB
[71] UNIVERSITY OF WASHINGTON, US
[71] WASHINGTON UNIVERSITY, US
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[54] **VITRAGES FEUILLETES AVEC PROTECTION CONTRE L'HUMIDITE AMELIOREE**
[72] WANG, DONGYAN, US
[72] VAN VOORHEES, SETH, US
[72] SLOVAK, STEVEN M., US
[72] SAXE, ROBERT L., US
[71] RESEARCH FRONTIERS INCORPORATED, US
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[54] **RUMEN BY-PASS ANIMAL FEED COMPOSITION AND METHOD OF MAKING SAME**
[54] **COMPOSITION D'ALIMENT POUR ANIMAUX TRAVERSANT LA PANSE DE TYPE "BY-PASS" ET SON PROCEDE DE FABRICATION**
[72] HOLMA, MERJA BIRGITTA, FI
[72] ARONEN, ILMO PELLERVO, FI
[72] NOCEK, JAMES EDWARD, US
[72] WAN, FENG, US
[72] LONDERGAN, TIMOTHY MARTIN, US
[71] BENEMILK OY, FI
[71] WAN, FENG, US
[71] LONDERGAN, TIMOTHY MARTIN, US
[85] 2017-09-25
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[54] **CONCEPTION DE PIPELINE ET SYSTEME DE CONFIGURATION ET PROCEDE ASSOCIE**
[72] FERRI, ARMANDO, IL, US
[71] ALEX E. PARIS CONTRACTING CO., INC., US
[85] 2017-09-25
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[54] **SNAP-ON LINER RETENTION DEVICE**
[54] **DISPOSITIF DE RETENUE DE REVETEMENT ENCLIQUETABLE**
[72] MONTOYA ASHTON, LAURA, US
[72] COLLINS, WILLIAM R., US
[72] LEVINE, CHARLES, US
[72] MCDONALD, DEBRA CHRISTINE, US
[72] MCGREGOR, AARON L., US
[72] SCHULTE, BRADLEY D., US
[72] WILSON, SHANE M., US
[71] HUNTING TITAN, INC., US
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[54] **OPPOSING PISTON SETTING TOOL**
[54] **OUTIL DE POSE A PISTONS DISPOSES EN REGARD**
[72] COVALT, JOHNNY, US
[72] SMITH, RICK, US
[71] HUNTING TITAN, INC., US
[85] 2017-09-25
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[25] EN
[54] **PROCESSES FOR INCREASING EXTRACTION OF ENZYMES FROM ANIMAL FEED AND MEASURING ACTIVITY OF THE SAME**
[54] **PROCEDES POUR AUGMENTER L'EXTRACTION D'ENZYMES D'ALIMENT POUR ANIMAUX ET POUR MESURER LEUR ACTIVITE**
[72] LI, XUEMEI, US
[72] RAAB, R. MICHAEL, US
[71] AGRIVIDA, INC., US
[85] 2017-09-25
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[54] **METHODS OF PREVENTING AND TREATING AUTOIMMUNITY**
[54] **METHODES DE PREVENTION ET DE TRAITEMENT DE L'AUTO-IMMUNITE**
[72] ANCHORDOQUY, THOMAS J., US
[72] GOTTLIEB, PETER A., US
[72] MICHELS, AARON, US
[72] OSTROV, DAVID, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[71] THE UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INCORPORATED, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AND INTERFERING WITH COMPROMISED DEVICES AND UNAUTHORIZED DEVICE RELOCATION IN A COMMUNICATION NETWORK**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE DISPOSITIFS COMPROMIS ET D'INTERFERENCE AVEC CES DERNIERS ET DE RELOCALISATION DE DISPOSITIFS NON AUTORISES DANS UN RESEAU DE COMMUNICATION**
[72] JUNEAU, RENE, CA
[71] MAXXIAN TECHNOLOGY INC., CA
[85] 2017-09-26
[86] 2016-03-24 (PCT/CA2016/000083)
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[30] US (62/177,934) 2015-03-26

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[54] **A CONSTRUCTION BOARD AND A METHOD OF MANUFACTURE**
[54] **PANNEAU DE CONSTRUCTION ET PROCEDE DE FABRICATION**
[72] MARSKELL, STEVE, AU
[71] MAGNESIUM OXIDE BOARD CORPORATION PTY LTD, AU
[85] 2017-09-26
[86] 2016-03-24 (PCT/AU2016/050214)
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[30] AU (2015901114) 2015-03-27

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[25] EN
[54] **ELECTRICAL UNITS WITH ONBOARD ELECTRONIC MONITORING AND RELATED METHODS**
[54] **UNITES ELECTRIQUES A SURVEILLANCE ELECTRONIQUE A BORD ET PROCEDES ASSOCIES**
[72] MURAHARI, SAIVARAPRASAD, US
[72] DU, LILI, CN
[72] CHEN, JIANGUO, CN
[71] EATON CORPORATION, US
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[54] **IP ADDRESS ALLOCATION METHOD IN D2D COMMUNICATION AND USER EQUIPMENT**
[54] **PROCEDE D'ATTRIBUTION D'ADRESSE IP DANS UNE COMMUNICATION D2D, ET EQUIPEMENT UTILISATEUR**
[72] ZHOU, RUNZE, CN
[72] SHU, LIN, CN
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEM FOR FORMING AN INSULATED STRUCTURAL CONCRETE WALL**
[54] **SYSTEME POUR FORMER UN MUR EN BETON STRUCTUREL ISOLE**
[72] GOSAIN, SANJIV, AU
[71] AMBE ENGINEERING PTY LTD, AU
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[54] **COMPOSITION, PARTICULATE MATERIALS AND METHODS FOR MAKING PARTICULATE MATERIALS.**
[54] **COMPOSITION, MATERIAUX SOUS FORME DE PARTICULES ET PROCEDES DE FABRICATION DE MATERIAUX SOUS FORME DE PARTICULES**
[72] YU, CHENGZHANG, AU
[72] YU, MEIHUA, AU
[72] ZHANG, HONGWEI, AU
[72] NOR, YUSILAWATI AHMAD, AU
[72] SONG, HAO, AU
[72] MITTER, NEENA, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2017-09-26
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[54] **GRAVITY-BASED FOUNDATION FOR THE INSTALLATION OF OFFSHORE WIND TURBINES**
[54] **FONDATION PAR GRAVITE POUR L'INSTALLATION D'AEROGENERATEURS AU LARGE DES COTES**
[72] REMON HIGUERA, JAIME, ES
[72] POLIMON OLABARRIETA, CARLOS, ES
[72] GONZALEZ PATINO, NOELIA, ES
[72] VAZQUEZ ROMERO, MIGUEL, ES
[71] DRACE INFRAESTRUCTURAS, S.A., ES
[71] DRAGADOS, S.A., ES
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[54] **ANIMAL FEED COMPOSITIONS**
[54] **COMPOSITIONS D'ALIMENTS POUR ANIMAUX**
[72] WAN, FENG, US
[72] LONDERGAN, TIMOTHY MARTIN, US
[71] BENEMILK OY, FI
[71] WAN, FENG, US
[71] LONDERGAN, TIMOTHY MARTIN, US
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[54] **COMPOSITION D'ALIMENT POUR ANIMAUX A BASE D'ACIDES AMINES**
[72] WAN, FENG, US
[72] LONDERGAN, TIMOTHY MARTIN, US
[71] BENEMILK OY, FI
[71] WAN, FENG, US
[71] LONDERGAN, TIMOTHY MARTIN, US
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[30] US (62/138,204) 2015-03-25
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[54] **METHODS AND COMPOSITIONS FOR TREATING INFLAMMATORY AND IMMUNOLOGICAL DISORDERS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES ET IMMUNOLOGIQUES**
[72] SAMPSON, MARK, US
[72] PANICHEVA, SVETLANA, US
[72] SCHOCKEMOEHL, CARY, US
[72] SOLOMON, ETHAN, US
[71] REALM THERAPEUTICS, INC., US
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[54] **METHOD FOR REGISTERING PRE-OPERATIVE IMAGES OF A SUBJECT TO AN ULTRASOUND TREATMENT SPACE**
[54] **PROCEDE D'ENREGISTREMENT D'IMAGES PRE-OPERATOIRES D'UN SUJET DANS UN ESPACE DE TRAITEMENT PAR ULTRASONS**
[72] O'REILLY, MEAGHAN, CA
[72] HYNYNEN, KULLERVO, CA
[72] JONES, RYAN, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[25] EN
[54] **HIGH-STRENGTH STEEL, METHOD FOR MANUFACTURING HIGH-STRENGHT STEEL, STEEL PIPE, AND METHOD FOR MANUFACTURING STEEL PIPE**
[54] **ACIER A HAUTE RESISTANCE, TUBE EN ACIER ET LEURS PROCEDES DE FABRICATION**
[72] OTA, SHUSAKU, JP
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[71] JFE STEEL CORPORATION, JP
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[25] EN
[54] **BASE STATION, TERMINAL, WIRELESS COMMUNICATION SYSTEM, METHOD OF CONTROLLING BASE STATION, AND METHOD OF CONTROLLING TERMINAL**
[54] **STATION DE BASE, TERMINAL, SYSTEME DE COMMUNICATION SANS FIL, PROCEDE DE COMMANDE DE STATION DE BASE ET PROCEDE DE COMMANDE DE TERMINAL**
[72] TANAKA, YOSHINORI, JP
[71] FUJITSU LIMITED, JP
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[54] **HOT FLASH-SUPPRESSING AGENT**
[54] **AGENT SUPPRIMANT LES BOUFFEES DE CHALEUR**
[72] UCHIDA, MASAYUKI, JP
[72] KOBAYASHI, ORIE, JP
[71] MEIJI CO., LTD., JP
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[54] **CATALYSEURS D'ARGENT AYANT UNE TAILLE ET UNE DENSITE DE DISTRIBUTION AMELIOREES DES PARTICULES D'ARGENT**
[72] SUCHANEK, WOJCIECH L., US
[72] RIZKALLA, NABIL, US
[72] ROKICKI, ANDRZEJ, US
[71] SCIENTIFIC DESIGN COMPANY, INC., US
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[71] REHRIG PACIFIC COMPANY, US
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[54] **A COMPREHENSIVE SYSTEM FOR THE STORAGE AND TRANSPORTATION OF NATURAL GAS IN A LIGHT HYDROCARBON LIQUID MEDIUM**
[54] **SYSTEME GLOBAL DE STOCKAGE ET DE TRANSPORT DE GAZ NATUREL DANS UN MILIEU LIQUIDE D'HYDROCARBURES LEGERS**
[72] HALL, BRUCE, US
[72] MORRIS, IAN, CA
[72] OKIKIOLU, TOLULOPE, US
[72] RIGOLO, THOMAS, US
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[54] **GRAPHICAL ELEMENT LAMINATE FOR USE IN FORMING A SKATE BOOT**
[54] **LAMELLE A ELEMENT GRAPHIQUE DESTINE A FORMER UNE BOTTINE DE PATIN**
[72] KOYESS, PHILIPPE, CA
[72] DEKOOS, DAVID, US
[71] SPORT MASKA INC., CA
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[71] GAPLAST GMBH, DE
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[25] EN
[54] **SUPPORT APPARATUS FOR MOVING PROPPANT FROM A CONTAINER IN A PROPPANT DISCHARGE SYSTEM**
[54] **APPAREIL DE SUPPORT POUR DEPLACER UN AGENT DE SOUTENEMENT A PARTIR D'UN RECIPIENT DANS UN SYSTEME DE DECHARGE D'AGENT DE SOUTENEMENT**
[72] OREN, JOHN, US
[72] OREN, JOSHUA, US
[71] OREN TECHNOLOGIES, LLC, US
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[62] 2,876,016
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[72] APPS, WILLIAM P., US
[71] REHRIG PACIFIC COMPANY, US
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[54] **CASSETTE AND APPARATUS FOR PACKING DISPOSABLE OBJECTS INTO AN ELONGATED TUBE OF FLEXIBLE MATERIAL**
[54] **CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE**
[72] MORAND, MICHEL, CA
[71] ANGELCARE DEVELOPMENT INC., CA
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[54] **DISPOSITIFS DE LUTTE CONTRE LES INCENDIES DU TYPE A BRUMISATION, SYSTEMES ET PROCEDES**
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[72] LEBLANC, DAVID J., US
[71] TYCO FIRE PRODUCTS LP, US
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[54] **SILICIDE COMPOSITIONS CONTAINING ALKALI METALS AND METHODS OF MAKING THE SAME**
[54] **COMPOSITIONS DE SILICIURE CONTENANT DES METAUX ALCALINS ET LEURS METHODES DE FABRICATION**
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[72] DYE, JAMES L., US
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[71] MICHIGAN STATE UNIVERSITY, US
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[54] **BASES DE COMPENSATION DE PRESSION POUR RECIPIENTS POLYMERES**
[72] SCHNEIDER, MARK D., US
[72] VOGEL, MATT, US
[72] EVINS, SAMUEL E., US
[72] SILVERS, KERRY W., US
[71] GRAHAM PACKAGING PET TECHNOLOGIES INC., US
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[54] **IMMUNOGENIC COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS IMMUNOGENES ET PROCEDES**
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[72] DAUM, LUKE T., US
[71] LONGHORN VACCINES & DIAGNOSTICS, LLC, US
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[54] **SYSTEME INTEGRE DE TRANSPORT DE VALVULE CARDIAQUE**
[72] MARCHAND, PHILIPPE, US
[72] TAYLOR, DAVID M., US
[72] MILICH, ROBERT, JR., US
[72] EVANS, DAVID J., US
[72] CHIA, CHRISTOPHER, US
[72] CAYABYAB, RONALDO C., US
[72] BOWES, ROBERT ROYAL, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **METHODE, TROUSSE ET RUBAN DESTINES AU SOIN DE PLAIES**
[72] ARBESMAN, RAY, CA
[72] JESCHKE, MARC, CA
[71] SPIDERTECH INC., CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[54] **DETECTION DE PARAMETRES DANS DES FORMES D'ONDES LIEES AU DEBIT CARDIAQUE**
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[72] ROTELIUK, LUCHY D., US
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[54] **INTERACTION DE BOUT D'AILE ET DE NAGEOIRE SUR UN AVION AMPHIBIE**
[72] KARKOW, JON, US
[72] HAWKINS, KIRK, US
[72] GIONTA, MATTHEW, US
[72] STRAND, STEEN, US
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[54] **CORRELATION DE CARTES ELECTRIQUES ENDOCARDIAQUES AVEC MESURES A LA SURFACE DU CORPS**
[72] BAR-TAL, MEIR, IL
[72] SCHWARTZ, YITZHACK, IL
[72] PORATH, JOSHUA, IL
[71] BIOSENSE WEBSTER, INC., US
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[72] SEALS, ROBERT G., US
[72] HOPP, DAVID M., US
[72] TRIPP, STEVEN D., US
[71] YOUNG DENTAL MANUFACTURING I, LLC, US
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[54] **USER INTERFACE FOR USE IN SECURITY SCREENING PROVIDING IMAGE ENHANCEMENT CAPABILITIES AND APPARATUS FOR IMPLEMENTING SAME**
[54] **INTERFACE UTILISATEUR DESTINEE AU CONTROLE DE SECURITE FOURNISSANT DES CAPACITES D'AMELIORATION D'IMAGE ET APPAREIL ASSOCIE**
[72] GUDMUNDSON, DAN, CA
[72] PERRON, LUC, CA
[71] OPTOSECURITY INC., CA
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|54| **INTERNAL COMBUSTION ENGINE AND SUPERCHARGER**
|54| **MOTEUR A COMBUSTION INTERNE ET COMPRESSEUR DE SURALIMENTATION**
|72| HANSEN, CRAIG N., US
|72| CROSS, PAUL C., US
|71| HANSEN, CRAIG N., US
|71| CROSS, PAUL C., US
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|54| **SYSTEMES A AIR PRELEVE POUR UTILISATION AVEC DES AERONEFS ET PROCEDES CONNEXES**
|72| MACKIN, STEVE G., US
|72| FOUTCH, DAVID W., US
|71| THE BOEING COMPANY, US
|22| 2014-07-03
|41| 2015-01-25
|62| 2,855,867
|30| US (13/951181) 2013-07-25

|21| **2,979,736**
|13| A1
|51| **Int.Cl. E21B 23/00 (2006.01) E21B 33/068 (2006.01)**
|25| EN
|54| **SYSTEM, APPARATUS AND PROCESS FOR COLLECTING BALLS FROM WELLBORE FLUIDS CONTAINING SAND**
|54| **SYSTEME, APPAREIL ET PROCEDE POUR LA RECUPERATION DES BILLES DES FLUIDES DE PUITS FORAGE CONTENANT DU SABLE**
|72| CHEREWYK, BORIS (BRUCE) P., CA
|71| ISOLATION EQUIPMENT SERVICES, INC., CA
|22| 2010-09-27
|41| 2011-11-18
|62| 2,716,039
|30| US (61/345938) 2010-05-18

|21| **2,979,746**
|13| A1
|51| **Int.Cl. G06F 19/00 (2011.01) G07C 11/00 (2006.01)**
|25| EN
|54| **HAND CLEANLINESS**
|54| **PROPRETE DES MAINS**
|72| BOLLING, STEVEN F., US
|71| BIOVIGIL, LLC, US
|22| 2006-06-14
|41| 2007-01-04
|62| 2,612,748
|30| US (11/157,094) 2005-06-20
|30| US (11/353,746) 2006-02-14
|30| US (11/415,687) 2006-05-01

|21| **2,979,762**
|13| A1
|51| **Int.Cl. F16M 13/00 (2006.01) F04D 25/08 (2006.01) F04D 29/60 (2006.01) F21V 21/03 (2006.01) H01R 13/639 (2006.01) F21V 33/00 (2006.01)**
|25| EN
|54| **SYTEMS AND METHODS FOR MOUNTING ELECTRICALLY POWERED DEVICES TO CEILINGS AND OTHER STRUCTURES**
|54| **SYSTEMES ET PROCEDES POUR MONTER DES DISPOSITIFS ELECTRIQUES SUR DES PLAFONDS OU D'AUTRES STRUCTURES**
|72| BROUGHMAN, JAMES MICHAEL, US
|72| JODICE, DANA LYNN, US
|72| LU, JASON, US
|71| LOWE'S COMPANIES, INC., US
|22| 2014-09-26
|41| 2015-03-27
|62| 2,865,478
|30| US (61/883,696) 2013-09-27

|21| **2,979,797**
|13| A1
|51| **Int.Cl. E21B 7/12 (2006.01) E21B 33/035 (2006.01) E21B 33/038 (2006.01) E21B 33/08 (2006.01)**
|25| EN
|54| **ROTATING CONTROL DEVICE DOCKING STATION**
|54| **STATION DE CONNEXION DE DISPOSITIF DE COMMANDE ROTATIF**
|72| BAILEY, THOMAS F., US
|72| HANNEGAN, DON M., US
|72| CHAMBERS, JAMES W., US
|72| WAGONER, DANNY W., US
|71| WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
|22| 2008-04-03
|41| 2008-10-09
|62| 2,682,663
|30| US (60/921,565) 2007-04-03

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,979,855**
[13] A1
[51] **Int.Cl. B29C 47/36 (2006.01)**
[25] EN
[54] **PROCESS, APPARATUS AND SYSTEM FOR CREATING EXTRUDABLE MATERIAL HAVING COLOR EFFECTS AND PRODUCTS MADE WITH EXTRUDABLE MATERIAL CREATED WITH SAME**
[54] **PROCEDE, APPAREIL ET SYSTEME SERVANT A CREER UN MATERIAU EXTRUDABLE AYANT DES EFFETS DE COULEUR ET PRODUITS FAITS DU MATERIAU EXTRUDABLE AINSI CREE**
[72] LEMAY, MATHIEU, CA
[72] JALBERT, STEVE, CA
[71] PELICAN INTERNATIONAL INC., CA
[22] 2015-12-23
[41] 2017-06-23
[62] 2,916,287

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[21] **2,979,892**
[13] A1
[51] **Int.Cl. G01N 23/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR USE IN PERFORMING SECURITY SCREENING**
[54] **PROCEDE ET SYSTEME A UTILISER POUR REALISER UNE INSPECTION DE SECURITE**
[72] PERRON, LUC, CA
[71] OPTOSECURITY INC., CA
[22] 2011-04-21
[41] 2011-10-27
[62] 2,796,809
[30] US (61/326,503) 2010-04-21
[30] US (61/420,973) 2010-12-08

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[21] **2,979,913**
[13] A1
[51] **Int.Cl. F16C 11/06 (2006.01) A47H 1/10 (2006.01) E04H 15/32 (2006.01) F16B 7/00 (2006.01) F16M 11/06 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **COUPLER SYSTEM**
[54] **SYSTEME D'ACCOUPLEMENT**
[72] OVIST, VINCE, US
[72] GROHS, WILLIAM T., US
[71] GROVIST INNOVATIONS, LLC, US
[22] 2011-06-06
[41] 2011-12-08
[62] 2,801,766
[30] US (61/351,799) 2010-06-04

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[21] **2,979,941**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RANKING INFORMATION ITEMS FOR DISPLAY**
[54] **METHODE ET SYSTEME DE CLASSEMENT DES ARTICLES D'INFORMATION POUR FINS D'AFFICHAGE**
[72] KING, GUY PHILIP WILLIAM, AU
[72] GUO, CLARK, US
[71] RETAILMENOT, INC., US
[22] 2009-10-09
[41] 2011-03-04
[62] 2,682,053
[30] US (12/554,350) 2009-09-04

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[21] **2,980,036**
[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 5/00 (2006.01) A61M 21/02 (2006.01) B60K 28/06 (2006.01) B60W 40/08 (2012.01) G01K 7/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BIOLOGICAL EVALUATION**
[54] **PROCEDE ET APPAREIL POUR EVALUATION BIOLOGIQUE**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
[22] 2014-10-11
[41] 2015-04-16
[62] 2,927,036
[30] US (61/889,561) 2013-10-11

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[21] **2,980,062**
[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 5/00 (2006.01) A61M 21/02 (2006.01) B60K 28/06 (2006.01) B60W 40/08 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BIOLOGICAL EVALUATION**
[54] **PROCEDE ET APPAREIL POUR EVALUATION BIOLOGIQUE**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
[22] 2014-10-11
[41] 2015-04-16
[62] 2,927,036
[30] US (61/889,561) 2013-10-11

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[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61J 1/20 (2006.01) A61M 39/12 (2006.01) A61M 39/14 (2006.01)**
[25] EN
[54] **CONNECTION SYSTEM FOR MEDICAL DEVICE COMPONENTS**
[54] **SYSTEME DE RACCORDEMENT DESTINE A DES ELEMENTS DE DISPOSITIF MEDICAL**
[72] MARICI, PAUL PAIA, US
[72] IVOSEVIC, MILAN, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[22] 2014-03-12
[41] 2014-09-25
[62] 2,905,901
[30] US (61/787,674) 2013-03-15
[30] US (61/895,168) 2013-10-24
[30] US (61/895,182) 2013-10-24
[30] US (61/895,187) 2013-10-24

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[21] **2,980,291**
[13] A1
[51] **Int.Cl. B63B 35/71 (2006.01)**
[25] EN
[54] **FISHING KAYAK**
[54] **KAYAK DE PECHE**
[72] BOYER, REJEAN, CA
[72] GAGNON, STEPHANIE, CA
[71] PELICAN INTERNATIONAL INC., CA
[22] 2016-06-29
[41] 2017-06-05
[62] 2,934,821

[21] **2,980,302**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01) A61B 5/1495 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **CALIBRATION OF GLUCOSE MONITORING SENSOR AND/OR INSULIN DELIVERY SYSTEM**
[54] **ETALONNAGE DE CAPTEUR POUR LA SURVEILLANCE DU GLUCOSE ET/OU DISPOSITIF D'ADMINISTRATION D'INSULINE**
[72] ROY, ANIRBAN, US
[72] KEENAN, BARRY, US
[72] KREMLIOVSKY, MICHAEL, US
[71] MEDTRONIC MINIMED, INC., US
[22] 2011-03-15
[41] 2011-09-29
[62] 2,792,996
[30] US (12/748341) 2010-03-26

[21] **2,980,332**
[13] A1
[51] **Int.Cl. A61B 1/313 (2006.01) A61B 1/04 (2006.01) A61B 1/05 (2006.01)**
[25] EN
[54] **LAPAROSCOPE SYSTEM**
[54] **SYSTEME LAPAROSCOPIQUE**
[72] FARIN, DANNY, IL
[72] BACHAR, YEHUDA, IL
[71] EON SURGICAL LTD., IL
[22] 2012-03-21
[41] 2012-09-27
[62] 2,830,957
[30] US (61/466,960) 2011-03-24

[21] **2,980,441**
[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **CONDUIT SYSTEM FOR A PNEUMATIC DISTRIBUTION SYSTEM OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE CONDUITS POUR SYSTEME DE DISTRIBUTION PNEUMATIQUE D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2013-08-20
[41] 2014-07-09
[62] 2,823,917
[30] US (13/737,276) 2013-01-09

[21] **2,980,558**
[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 21/08 (2006.01) E21B 33/03 (2006.01) E21B 33/13 (2006.01) E21B 43/10 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **ROTATING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE ROTATIF**
[72] HOYER, CAREL W., GB
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] JACOBS, MELVIN T., US
[72] WHITE, NICKY A., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2010-07-27
[41] 2011-01-31
[62] 2,711,621
[30] US (12/462,266) 2009-07-31

[21] **2,980,571**
[13] A1
[51] **Int.Cl. G06K 19/07 (2006.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM FOR SUPPLY CHAIN MANAGEMENT**
[54] **SYSTEME POUR LA GESTION DE CHAINE D'APPROVISIONNEMENT**
[72] ZDEBLICK, MARK J., US
[71] PROTEUS DIGITAL HEALTH, INC., US
[22] 2010-11-04
[41] 2011-05-12
[62] 2,780,361
[30] US (61/258,182) 2009-11-04

[21] **2,980,625**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HIGH SPEED PROCESSING OF FINANCIAL INFORMATION FOR FINANCIAL RECORD MANAGEMENT**
[54] **METHODE ET APPAREIL DE TRAITEMENT HAUTE VITESSE DE RENSEIGNEMENTS FINANCIERS A DES FINS DE GESTION DE DOCUMENTATION FINANCIERE**
[72] PARSONS, SCOTT, US
[72] TAYLOR, DAVID E., US
[72] SCHUEHLER, DAVID VINCENT, US
[72] FRANKLIN, MARK A., US
[72] CHAMBERLAIN, ROGER D., US
[71] IP RESERVOIR, LLC, US
[22] 2008-06-13
[41] 2008-12-24
[62] 2,691,229
[30] US (11/765,306) 2007-06-19

Index of Canadian Patents Issued

October 17, 2017

Index des brevets canadiens délivrés

17 octobre 2017

0884543 B.C. LTD.	2,769,343
24/7 CUSTOMER, INC.	2,896,781
A123 SYSTEMS LLC	2,721,548
AB INBEV NV	2,784,687
ABB OY	2,895,965
ABBOTT GMBH & CO. KG	2,888,282
ABBOTT LABORATORIES	2,888,282
ABBVIE BAHAMAS LTD.	2,753,825
ABE, TAKAYUKI	2,908,135
ABE, TETSUYA	2,784,400
ABED-ALI, SERA SAHEB	2,731,344
ABRAHAM, SANTOSH PAUL	2,804,374
ABRAHAMS, MICHAEL	2,785,261
ABU-ALI, AMJAD F.	2,789,313
ACCENTURE GLOBAL SERVICES LIMITED	2,611,637
ACCENTURE GLOBAL SERVICES LIMITED	2,673,150
ACERBI, MARIO	2,757,925
ADAMO, BENOIT	2,728,230
ADAMS, DOUG	2,772,890
ADDY, KENNETH L.	2,581,056
AGARWAL, MANISH	2,875,423
AGASHE, PARAG A.	2,742,995
AIR POWER SYSTEMS COMPANY, INC.	2,796,907
AIR PRODUCTS AND CHEMICALS, INC.	2,897,094
AIR PRODUCTS AND CHEMICALS, INC.	2,918,997
AIRBUS OPERATIONS (S.A.S.)	2,931,634
AIRBUS OPERATIONS	2,766,007
AJINOMOTO CO., INC.	2,789,368
AKHTAR, SHAHID	2,871,245
ALBANY ENGINEERED COMPOSITES, INC.	2,775,882
ALBISTON, DAVID	2,758,940
ALBRINCK, ALICE C.	2,789,313
ALERE SWITZERLAND GMBH	2,726,739
ALEXANDER, GLENN DAVID	2,737,789
ALEXANDROV, SERGEI NIKOLAEVICH	2,818,804
ALFOLDI, CSABA	2,918,997
ALI, SYED M.	2,941,509
ALJANE, ALI	2,618,155
ALLNEX AUSTRIA GMBH	2,806,136
ALLSTON, THOMAS D.	2,747,547
ALLYN, BARRY CHRISTOPHER	2,756,837
ALMIRALL, S.A.	2,728,976
ALSHIN, ALEXANDER	2,840,638
ALSHINA, ELENA	2,840,638
AMANO ENZYME INC.	2,789,368
AMAZON TECHNOLOGIES, INC.	2,916,386
AMCOR LIMITED	2,768,822
AMERICAN GREETINGS CORPORATION	2,921,093
AMERIGE, BRIAN D.	2,888,667
ANDINO, RAFAEL V.	2,775,571
ANDREE, JURGEN	2,908,573
ANDREU, FERNANDO	2,601,185
ANGIOMED GMBH & CO. MEDIZINTECHNIK KG	2,769,037
AOKI, OSAMU	2,869,631
AOYAMA, MASANORI	2,946,134
APDALHALIEM, SAHRUDINE	2,897,734
ARATAKE, ATSUSHI	2,869,706
AROMA SYSTEM SRL	2,927,329
ARPINI, SABRINA	2,757,925
ARTISS, JOSEPH D.	2,835,747
ARXIUM, INC.	2,814,259
ASA ELECTRONICS, INC.	2,834,873
ASAI, TAKAHIRO	2,861,239
ASAKAWA, SHUICHIRO	2,869,706
ASAMI, HIROAI	2,959,798
ASANUMA, NAOYA	2,725,488
ATLAS COPCO CANADA INC.	2,763,137
ATTERUS HOLDINGS LTD.	2,762,786
AUNE, RAGNHILD ELISABETH	2,871,245
AUTONOMOUS ID CANADA INC.	2,791,403
AVERY, WILLIAM B.	2,897,734
AXELROD, GLEN S.	2,738,965
AYYAGARI, ARUN	2,885,842
BABYLISS FACO S.A.	2,787,276
BACHELOR, DOUGLAS WILEY	2,832,444
BACK, DWIGHT D.	2,854,487
BADII, MANAL	2,897,457
BAI, XIAOGANG	2,897,230
BAILLARGEON, DAVID	2,797,855
BAIRD, LANCE AWENDER	2,878,916
BAIRD, LANCE AWENDER	2,878,917
BAKER HUGHES INCORPORATED	2,900,630
BAKER, MICHAEL H.	2,944,268
BAKKEN, JON ARNE	2,871,245
BALCELLS TERES, JOAQUIM	2,868,923
BARKER, TOD	2,941,509
BARONI, SERGIO	2,743,212
BARONI, SERGIO	2,743,216
BARTA, ERIC WOODSON	2,726,042
BASF SE	2,782,902
BASTIAANS, HENRICUS MARIA MARTINUS	2,782,902
BATTLES, CHRISTOPHER A.	2,806,218
BAUMANN, ERNST	2,769,385
BAYER ESSURE INC.	2,777,190
BAYER MATERIALSCIENCE AG	2,704,918
BAYER MATERIALSCIENCE AG	2,767,469
BAYER, STEFAN	2,871,498
BECK, WOLFGANG	2,911,281
BECKER, CALVIN L.	2,753,825
BECTON, DICKINSON AND COMPANY	2,806,218
BEDWELL, DAVID	2,800,392
BEGNAUD, BRIAN DAVID	2,902,700
BEHRMANN, LAWRENCE A.	2,759,705
BELEMA, MAKONEN	2,780,790
BELL HELICOPTER TEXTRON INC.	2,861,312
BEN-YEDIDIA, TAMAR	2,695,399
BENEDUSI, ANNA	2,743,212
BENEDUSI, ANNA	2,743,216
BENNETT, CHARLOTTE RACHEL HELEN	2,774,841
BERG LLC	2,721,071
BERRING, JOHN	2,813,811
BERTRAND, W. JEFF	2,877,544
BERUBE, ARTHUR A.	2,814,259
BESSETTE, BRUNO	2,871,498
BESSON, JACQUES	2,778,007
BETHUNE, MICHAEL	2,680,590
BEUERLE, FREDERICK C.	2,768,822
BEUTER, ANNE	2,761,637
BEUTLER, BRUCE	2,902,342
BEY, RUSSELL F.	2,864,106
BIEDENBENDER, FRANK	2,693,620
BIOELECTRON TECHNOLOGY CORPORATION	2,777,479
BIONDVAX PHARMACEUTICALS LTD.	2,695,399
BISERNA, EZIO	2,769,283
BISHOP, GORDON B.	2,697,364
BITTAR, MICHAEL S.	2,852,403
BLACK, FRANCOIS	2,759,705
BLACKBERRY LIMITED	2,802,622
BLACKBERRY LIMITED	2,815,724
BLACKBERRY LIMITED	2,836,250
BLACKSTOCK, SCOTT	2,910,872
BLAIS, DANIEL	2,690,576
BLANCHARD, STEVEN DONALD	2,825,404
BLUM, RENE VINZENZ	2,862,092
BLUPURA S.R.L.	2,910,712
BLUPURA S.R.L.	2,911,463
BOBILLIER, BEN COLIN	2,847,687
BODWELL, JESSE T.	2,712,950

Index of Canadian Patents Issued
October 17, 2017

BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,693,620
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,735,562
BOGER, DALE L. 2,902,342
BOHNERT, GARY 2,834,928
BOMBARDIER RECREATIONAL PRODUCTS INC. 2,801,872
BORGHESANI, OMERO 2,784,719
BORNSCHEIN, JURGEN 2,767,299
BORODOW, ELI BEN 2,618,155
BORRAS, LEONARDO 2,727,992
BOSCH, HENDRIK JAN 2,684,370
BOSMAN, SCOTT A. 2,892,123
BOTT, CRAIG 2,800,073
BOULIGNY, VERNON JOSEPH, JR. 2,902,700
BOUSSIE, THOMAS R. 2,763,777
BOYCE, GREG 2,760,697
BOYCE, JILL 2,829,290
BRACE, COLIN HARRISON 2,916,386
BRAMMER, LARRY E., JR. 2,786,744
BREWER, REUBEN 2,757,822
BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC 2,888,158
BRINGER, JULIEN 2,778,847
BRISTOL-MYERS SQUIBB HOLDINGS IRELAND 2,780,790
BROOKS RAND INC 2,659,342
BROOKS, CHRIS 2,775,571
BROUSSEAU, IVAN 2,801,872
BROUWER, TODD B. 2,858,322
BROWN, DAVID EVERARD 2,916,386
BROWN, DOUGAL HUGO 2,902,700
BROWNE, KENNETH A. 2,558,266
BRUGEROLLE, JEAN-RENAUD 2,784,877
BRUGUIERE, LIONEL 2,778,007
BRY-AIR PROKON SAGL 2,804,415
BRYANT, ANTHONY J. 2,728,230
BUCHANAN, JOHN ANDREW 2,910,950
BUCHLER, MARKUS 2,797,553
BUCIUMAN-COMAN, LIANA 2,814,259
BUDNEY, CRAIG 2,709,359
BUDNEY, DAVID 2,709,359
BUDNEY, GLENN 2,709,359
BUESCHER DEVELOPMENTS, LLC 2,783,360
BULLEY, CHRISTOPHER 2,877,604
BULLION, CONRAD 2,911,958
BURI, MATTHIAS 2,862,092
BURI, MATTHIAS 2,899,282
BURNHAM, KENNETH 2,730,507
BURROUGHS, KIRK ALLAN 2,904,747
BUSSOLARI, RITA 2,760,482
BUTT, SHAZAD 2,721,548
BUYDTS, HILDE 2,932,562
CACCIAGLIA, ROBERTO 2,911,120
CAINE, MICHAEL EDWARD 2,787,233
CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC 2,846,728
CALIFANO, JEAN-CHRISTOPHE 2,753,825
CALIS, GIJSBERTUS HENDRIKUS MARIA 2,716,272
CALVO, MARIANO 2,691,255
CAMERON INTERNATIONAL CORPORATION 2,726,335
CAMPBELL, ALEXANDER COLIN 2,787,233
CANESTRI, PAOLO 2,874,893
CANON KABUSHIKI KAISHA 2,725,488
CAPSUGEL BELGIUM NV 2,932,562
CARLSON, BRIAN P. 2,718,657
CARSON, BRADLEY 2,781,890
CARTER, SCOTT J. 2,934,736
CARTMILL, KEN 2,950,632
CARTNER, TODD J. 2,708,691
CASTANET, MARC-ANTOINE 2,766,007
CATALANO, CLAUDIO 2,740,444
CECCACCI, GIANNI 2,874,893
CENTAURUS BIOPHARMA CO., LTD. 2,924,705
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,761,637
CERBONI, SACHA 2,784,934
CERION LLC 2,747,547
CERTAINTEED CORPORATION 2,845,657
CHABANNE, HERVE 2,778,847
CHAMPONNOIS, FRANCOIS 2,785,209
CHAN, HERWIN 2,786,606
CHAN, KAREN LAI-TING 2,887,607
CHAN, PHILIP 2,896,103
CHAN, VICTOR 2,783,553
CHANG, SETH 2,846,521
CHAO, KEVIN ZI JUN 2,757,822
CHATELIER, RONALD C. 2,723,353
CHEN, FUCHENG 2,718,329
CHEN, SHOUJUN 2,834,928
CHEN, THOMAS 2,786,606
CHEN, ZHIQIANG 2,902,952
CHENEVERT, FRANCOIS 2,801,872
CHEVRON U.S.A. INC. 2,848,180
CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD. 2,924,705
CHILVER, IAN 2,749,412
CHISHOLM, MICHAEL, STEPHEN 2,731,344
CIPOLLI, STEPHEN 2,829,290
CJ CHEILJEDANG CORPORATION 2,888,314
CLAUDE, JOHANNA 2,776,561
CLEAR-COM LLC 2,758,940
CLEMEN, MARK JOSEPH, JR. 2,896,061
CLEVERDON, ROBERT FLETCHER 2,848,180
COCKBURN, JOHN 2,760,256
CODMAN & SHURTLEFF, INC. 2,668,266
COGNE, MICHAEL 2,783,335
COLLIE, CLIVE FREDERICK 2,800,392
COLLINS, DONALD F. 2,750,469
COLLINS, JOHN H. 2,722,817
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,778,007
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,785,209
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,748,500
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,783,335
COMVITA NEW ZEALAND LIMITED 2,797,236
CONCETTI S.P.A. 2,874,893
CONCETTI, TEODORO 2,874,893
CONRAD, WAYNE ERNEST 2,924,492
CONTE, PIERFRANCO 2,760,482
CONTINENTAL AUTOMOTIVE GMBH 2,820,400
COOK MEDICAL TECHNOLOGIES LLC 2,760,256
COOK, KANE D. 2,691,584
COOKE, GRAEME 2,779,505
COOPER, MARTIN JAMES 2,774,841
COPELAND, DANIEL A. 2,912,777
COPPOLA, GARY MARK 2,763,572
CORDELIA LIGHTING INC. 2,846,521
COSTELLO, DAVID 2,781,383
COTE, PAUL L. 2,854,917
COTNOIR, THIERRY 2,801,872
COUDENE, JEAN-MARC 2,776,561
COVEY, THOMAS R. 2,754,924
COWART, GEORGE STEPHEN 2,781,544
CRAWLEY, MATTHEW J. 2,733,986
CRAWLEY, PAUL A. 2,733,986
CRB CONSULTING INC. 2,877,604
CREIGHTON, GEORGE S. 2,736,509
CRESPO MONTERO, FRANCISCO JAVIER 2,868,923
CROCKETT, STEVEN PAUL 2,890,817
CRONRATH, CHRISTOPH 2,601,185
CROPPER, MICHAEL S. 2,680,917
CROUCH, ADRIAN JAMES 2,879,806
CROWE, GEORGE ARTHUR 2,845,605
CUI, JIANJIU 2,901,661
CURBELO, RAUL HUGO 2,832,444
CURRY, MICHAEL F. 2,879,781
CURTIS, CHIP 2,708,691
CZIEPLUCH, CELINA 2,797,553
DACRES, HELEN 2,748,500
DAE, MICHAEL W. 2,695,930
DAFFLER, LAURENT 2,797,553
DAI, LIWEN 2,789,713
DAI, LIZHONG 2,558,266
DALE, JAMES D. 2,712,950
DALZIEL, SEAN 2,745,441
DANEI, FEDERICO 2,866,454
DANILCHIK, PAUL 2,659,342
DAUGHENBAUGH, RANDY E. 2,904,439
DAVIS, JEFFREY SCOT 2,760,697

Index des brevets canadiens délivrés
17 octobre 2017

DE BEER, ANTONIUS LAMBERTUS 2,830,946
DE GUISE, JACQUES 2,797,855
DE KOCK, HERMAN 2,898,529
DEDECKER, PAUL 2,778,450
DEKA PRODUCTS LIMITED PARTNERSHIP 2,712,950
DEKAMO, SHINGO 2,925,479
DELAHAYE, ROMAIN 2,766,007
DEMAISON, FRANCOIS 2,796,739
DEMARIA, DAVID GEORGE 2,897,094
DEMERS, JASON A. 2,712,950
DENDIEVEL, JEAN-LUC 2,783,335
DENG, SHUANGCHAO 2,718,329
DENORMAND, RICHARD S. 2,846,728
DENTSPLY IH AB 2,799,074
DENTSPLY INTERNATIONAL INC. 2,901,431
DENWOOD, ANGUS 2,765,838
DEORIO, JAMES K. 2,783,553
DETLOFF, SHAUN 2,855,332
DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTES 2,797,553
DEVIR, SHARON 2,690,854
DEWILLE, NORMANELLA 2,888,282
DEXTER, S. SHANE 2,764,388
DFM, LLC 2,697,364
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,754,924
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,773,379
DI MARTINO, JOHN LOUIS 2,635,146
DIAS, ERIC L. 2,763,777
DIEHL, FRANK 2,656,022
DIFRANCESCO, ALBERT GARY 2,747,547
DOBERSTEIN, KEVIN G. 2,940,789
DOLBY INTERNATIONAL AB 2,925,141
DOMINICI, MASSIMO 2,760,482
DONG, ZHI CHEN 2,757,822
DONMARK HOLDINGS INC. 2,770,005
DOSATRON INTERNATIONAL 2,897,457
DOW AGROSCIENCES LLC 2,757,629
DOW AGROSCIENCES LLC 2,800,073
DOW TECHNOLOGY INVESTMENTS LLC 2,904,972
DOWLING, JAMES 2,814,259
DOWNING, DAVID 2,768,822
DSM IP ASSETS B.V. 2,906,891
DUBBELMAN, SANDER 2,710,093
DUCA, NICOLA 2,756,881
DUCROCQ, M. LAUDINE 2,857,551
DUDANI, AJAY B. 2,710,627
DUGERIE, MARC 2,766,007
DUGGAN, BRYAN J. 2,757,822
DUOJECT MEDICAL SYSTEMS INC. 2,801,889
DUPUY, ALAIN 2,890,817
DUQUENNOY, PHILIPPE 2,897,457
DURAND, JULIAN 2,710,627
DUSSAULT, ANDRE 2,752,512
DUTAILIER INC. 2,706,935
EAMES, PATRICK JAN 2,825,404
EARNSHAW, ANDREW MARK 2,815,724
EASO, AJAY KURIAN 2,673,150
EBNER, FRANZ 2,938,233
ECOLAB INC. 2,718,657
EDENS, LUPPO 2,906,891
EDISON2 LLC 2,797,062
EDWARDS LIMITED 2,795,017
EDWARDS LIMITED 2,800,392
EIKEMO, BERNT 2,854,754
EKKERT, LEONARD R. 2,635,146
EKLUND, SARAH 2,921,093
ELC MANAGEMENT LLC 2,750,469
ELECTRIC POWER RESEARCH INSTITUTE, INC. 2,826,388
ELECTRICAL MATERIALS COMPANY 2,914,798
ELI LILLY AND COMPANY 2,925,128
ELKINS, ELIZABETH WINTERS 2,832,444
ELLIS FIBRE USA, LLC 2,737,789
ELLIS, JAYNE 2,726,739
ELSOHLY, MAHMOUD A. 2,741,862
EMOVI INC. 2,797,855
ENDOLUMINAL SCIENCES PTY LTD. 2,847,687
ENDOVASCULAR DEVELOPMENT AB 2,815,897
ENERGY RECOVERY SYSTEMS INC. 2,796,212
ENERGYHUB, INC. 2,749,659
ENHANCED DRILLING AS 2,854,754
ENK, DIETMAR 2,678,892
ENVIROLLEA INC. 2,899,362
EPSTEIN, ROBERT ERIC 2,926,489
EQUISTAR CHEMICALS, LP 2,769,587
ESBATECH, AN ALCON BIOMEDICAL RESEARCH UNIT LLC 2,727,992
ESCOTT, ADRIAN EDWARD 2,802,488
ESHKAR-SEBBAN, LORA 2,690,854
ESSALIK, ABDELTIF 2,752,512
ESSALIK, JALALEDDINE 2,752,512
ESTES, LARRY DALE 2,764,388
ESTEVE, EMILIEN LOUIS JOSEPH 2,755,732
ETHICON ENDO-SURGERY, INC. 2,680,917
ETTEM ENGINEERING S.A. LTD. 2,916,629
ETZEL, MARK R. 2,655,873
EZERZER, RAN 2,618,155
EZYMINE PTY LIMITED 2,648,556
F. HOFFMANN-LA ROCHE AG 2,601,185
F. HOFFMANN-LA ROCHE AG 2,709,345
F. HOFFMANN-LA ROCHE AG 2,815,253
F. HOFFMANN-LA ROCHE AG 2,891,041
FACEBOOK, INC. 2,888,667
FAIR, BARBARA E. 2,786,744
FAITA, GIUSEPPE 2,548,490
FARKAS, LESLIE 2,786,606
FARMER, DOMINIC GERARD 2,904,747
FARRELL, EUGENE MICHAEL 2,916,386
FAVREAU, CHRISTOPHER D. 2,719,181
FEDERAL EXPRESS CORPORATION 2,761,322
FERAILLE, MATHIEU 2,469,957
FERAUD, MICHEL 2,657,535
FERGUSON, KATHY L. 2,900,631
FERRARI, MASSIMO 2,911,120
FILIPOWSKY, MARK E. 2,558,266
FIREBAUGH, MILLARD 2,756,976
FISCHER, DANIEL 2,800,918
FITZWATER, KELLY R. 2,915,257
FIX, WALTER 2,756,116
FLANDROIS, XAVIER 2,796,739
FLAVIN, SHAWN 2,781,383
FLEXCON COMPANY, INC. 2,730,507
FLORA, JOHN H. 2,941,509
FLORACK, DIONISIUS ELISABETH ANTONIUS 2,684,370
FLOYD, JOSEPH FRANK 2,825,404
FOODS-I CO., LTD. 2,946,134
FORT HILLS ENERGY L.P. 2,832,269
FORTIER, STEPHANIE 2,690,576
FORTUNE, THOMAS R., JR. 2,770,113
FOUNTAIN, THOMAS C. 2,832,444
FRADER-THOMPSON, SETH 2,749,659
FRANK'S INTERNATIONAL, LLC 2,902,700
FRANK, ERNEST R. 2,904,972
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,880,891
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,862,712
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,862,715
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,871,498
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,884,420
FRESCO, ZACHARY M. 2,763,777
FRICK, OLIVER 2,783,553
FRIPP, MICHAEL L. 2,909,970
FRIPP, MICHAEL L. 2,916,378
FRITZSCH, ROBERT 2,871,245
FROMAGERIES BEL 2,794,433
FU, HUADIAO 2,901,661
FUCHS, GUILLAUME 2,862,712

Index of Canadian Patents Issued
October 17, 2017

FUCHS, GUILLAUME 2,862,715
FUENTES, ALEXANDRE 2,797,855
FUHRMAN, JAMES E. 2,760,697
FUJIMORI KOGYO CO., LTD. 2,748,925
FUKUHARA, SHINPEI 2,784,400
FULMER, DAVID N. 2,900,630
FUNKHOUSER, GARY P. 2,882,439
FURET, SEBASTIEN 2,897,457
FURUSAWA, MITSUO 2,908,135
FYKE, STEVEN HENRY 2,802,622
GABRAIL, PETER 2,839,071
GAGLIARDINO, JOSEPH L. 2,736,509
GAIKWAD, RAHUL RAMCHANDRA 2,918,334
GALLANT, GUILLAUME 2,766,007
GANE, PATRICK A. C. 2,862,092
GANE, PATRICK ARTHUR CHARLES 2,899,282
GANE, PATRICK ARTHUR CHARLES 2,908,947
GANNABATHULA, SWAPNA 2,797,236
GAO, HUIDONG 2,941,509
GARFIELD, JARED MICHAEL 2,891,798
GASS, JONATHAN DAVID 2,680,590
GATEKEEPER SYSTEMS, INC. 2,934,736
GATEMAN, JAN 2,796,841
GEEHAN, THOMAS 2,891,663
GEIGER, RALF 2,862,712
GEIGER, RALF 2,862,715
GEISERT, CHRISTOPHE 2,783,553
GEMTIER MEDICAL (SHANGHAI) INC. 2,943,156
GEN-PROBE INCORPORATED 2,558,266
GENATOSSIO, LOUIS F. 2,787,233
GENERAL CABLE TECHNOLOGIES CORPORATION 2,789,313
GENERAL ELECTRIC COMPANY 2,680,807
GENERAL ELECTRIC COMPANY 2,780,988
GEORGY, JACQUES 2,834,916
GERAGHTY, KEVIN 2,819,268
GERARD, DANIEL EDWARD 2,908,947
GHALY, NABIL N. 2,739,973
GHONASGI, DHANANJAY B. 2,805,869
GIESE, NATHALIA 2,797,553
GIESE, THOMAS 2,797,553
GIL, AMIT 2,926,840
GILBERT, STEPHEN 2,783,553
GILBERT, THOMAS C. 2,845,657
GILL, ROBERT P. 2,680,917
GILL, STEVEN STREATFIELD 2,872,998
GILMAN, DANIEL 2,718,572
GILSTRAP, TATIANA 2,926,489
GIMSE, IVAR 2,796,841
GIORI, ANDREA 2,757,925
GIULIANI S.P.A. 2,743,212
GIULIANI S.P.A. 2,743,216
GIULIANI, GIAMMARIA 2,743,212
GIULIANI, GIAMMARIA 2,743,216
GLEASON, JAMES 2,806,218
GLENDE, JAMES HILMER 2,860,155
GMT GUMMI-METALL-TECHNIK GMBH 2,825,660
GODESSART MARINA, NURIA 2,728,976
GODFREY, GRAHAM 2,749,412
GOERING, JONATHAN 2,775,882
GOJO INDUSTRIES, INC. 2,708,691
GOLDGRABEN, KERRI 2,750,469
GOPAL, VIDYA 2,777,190
GORDON, NIGEL 2,758,940
GORDON, ZACHARY EDWARD 2,926,489
GORISSEN, PAULUS M. H. M. A. 2,717,622
GORKHALI, SURAJ 2,730,507
GOSSNER, MATTHAEUS 2,704,918
GOURNAY, PHILIPPE 2,871,498
GRAHAM, ROBERT 2,877,604
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,915,257
GRASS, PHILIPPE 2,820,400
GRAY, TODD D. 2,791,403
GREENE, ANDREW 2,730,507
GREGOIRE, MARK 2,941,509
GRILL, BERNHARD 2,862,712
GRILL, BERNHARD 2,862,715
GRILL, BERNHARD 2,871,498
GRILLITSCH, PETER 2,866,454
GRIMARD, GUY 2,797,855
GRINDROD, MADS 2,758,448
GRISENDI, GIULIA 2,760,482
GROTTINI, GIANNI 2,910,712
GROTTINI, GIANNI 2,911,463
GRUNENTHAL GMBH 2,858,762
GRUPO PETROTEMEX, S.A. DE C.V. 2,787,930
GRUSKIN, GLEN 2,635,146
GRUSS, MICHAEL 2,858,762
GU, JINGYU 2,902,952
GU, JIONGJIONG 2,901,223
GUIDRY, KIRK P. 2,726,335
GUL, WASEEM 2,741,862
GUMASTE, ANAND V. 2,896,103
GUNDE, TEA 2,727,992
GUO, BING BING 2,900,630
GUO, CHAOYI 2,749,659
GUO, LIWEI 2,840,598
GUO, SHUANTAI 2,901,223
HA, BAO 2,784,877
HAAS, PETER 2,704,918
HADLEY, BRENT LOUIS 2,825,404
HAGBERG, KYLE K. 2,781,544
HAILSTONE, RICHARD K. 2,747,547
HALLIBURTON ENERGY SERVICES, INC. 2,852,403
HALLIBURTON ENERGY SERVICES, INC. 2,869,630
HALLIBURTON ENERGY SERVICES, INC. 2,870,057
HALLIBURTON ENERGY SERVICES, INC. 2,870,276
HALLIBURTON ENERGY SERVICES, INC. 2,882,439
HALLIBURTON ENERGY SERVICES, INC. 2,898,728
HALLIBURTON ENERGY SERVICES, INC. 2,909,970
HALLIBURTON ENERGY SERVICES, INC. 2,910,040
HALLIBURTON ENERGY SERVICES, INC. 2,916,378
HALLIBURTON ENERGY SERVICES, INC. 2,918,334
HALLIBURTON ENERGY SERVICES, INC. 2,926,489
HALLIBURTON ENERGY SERVICES, INC. 2,928,906
HALLIBURTON ENERGY SERVICES, INC. 2,937,439
HALLIBURTON ENERGY SERVICES, INC. 2,945,619
HAMA, MAOKI 2,954,033
HAMAS, ROBERT S. 2,854,487
HAMILTON, CHRISTOPHER T. 2,800,073
HAMMERSCHMIDT, JAN 2,767,535
HAMMERSMARK, JON ARNE 2,854,754
HAMPTON, LAWRENCE 2,877,544
HAN, YONGXIN 2,924,705
HANIEN, AVIV 2,690,854
HANN, THOMAS CHARLES 2,832,269
HANNAH, STEPHEN E. 2,934,736
HANSON, JEFF ANDREW 2,749,365
HANSSON, STIG 2,799,074
HARDENIYA, NITIN KUMAR 2,896,781
HAREYAMA, NANA 2,793,730
HARROLD, JONATHAN 2,817,044
HART, BRIAN T. 2,814,259
HART, RICHARD D. 2,814,259
HARYSLAK, CHARLES 2,781,383
HASE, HIROSHI 2,795,434
HASENOEHRL, THOMAS R. 2,858,322
HASSELL, KERRY MARIE 2,773,379
HAUSE, BENJAMIN MATTHEW 2,864,106
HAUSER, BRET R. 2,764,388
HAYES, THOMAS 2,914,798
HE, TOM 2,728,230
HEARN, FRANCIS J. 2,887,396
HEBBLETHWAITE, RUSSELL 2,762,786
HECKEROTH, ANJA REGINA 2,694,919
HEDLEY, JAY E. 2,611,637
HELLMUTH, OLIVER 2,880,891
HELLRING, STUART D. 2,904,439
HEO, YOUNGSUK 2,888,282
HERMANN, FRITZ 2,818,318
HERNANDEZ, ENRIQUE 2,756,683
HERRE, JURGEN 2,880,891
HESS, CHRISTOPHER J. 2,680,917
HFI INNOVATION INC. 2,794,379
HIGGINS, SEAN 2,921,093
HILL, DAVID JOHN 2,780,673
HILLA, MATTHEW GENAR 2,770,113
HILTI AKTIENGESELLSCHAFT 2,818,318
HILTI AKTIENGESELLSCHAFT 2,911,281
HINAYAMA, TETSUHIRO 2,954,033
HISANO, MASATO 2,725,488
HMAD, OUADIR 2,796,739

HODGES, ALASTAIR M. 2,723,353
HOLADA, CHARLES J. 2,786,744
HOLBROOK, ALAN ERNEST KINNAIRD 2,800,392
HOLLAND, CHARLES S. 2,769,587
HOMMA, RIKA 2,784,400
HONEYWELL INTERNATIONAL INC. 2,581,056
HONEYWELL INTERNATIONAL INC. 2,691,584
HONG, DANNY 2,829,290
HOOFNAGLE, JOHN R. 2,668,266
HOPE, ABIGAIL 2,755,732
HORNBERGER, TIMOTHY G. 2,892,123
HORNE, IRENE MARY 2,748,500
HOSOKAWA, CHIE 2,879,836
HOSTLER, JONATHAN 2,721,548
HOVING, HENDRIK DERK 2,716,272
HOWE, CHRISTOPHER 2,768,822
HOWELL, MATTHEW T. 2,916,378
HSIN, SHAOCHI 2,827,510
HU, BOBBY 2,876,488
HU, YUANDONG 2,924,705
HUANG, CHENG-SUNG 2,786,744
HUANG, YU-WEN 2,794,379
HUAWEI TECHNOLOGIES CO., LTD. 2,901,223
HUNTER, JANE 2,781,383
HUO, XIN 2,901,431
HUTCHISON MEDIPHARMA LIMITED 2,900,748
HYDRO ALUMINIUM ROLLED PRODUCTS GMBH 2,884,754
IANNELLI, ANTHONY M. 2,887,226
IDEAL IMPLANT INCORPORATED 2,854,487
IDEX HEALTH & SCIENCE LLC 2,769,290
IFP ENERGIES NOUVELLES 2,469,957
IGNASIAK, BOLESLAW L. 2,652,930
IJAZ, MUJEEB 2,721,548
IKEDA, YU 2,747,770
ILLINOIS TOOL WORKS INC. 2,845,605
IMANISHI, HIROYUKI 2,911,075
IMRICOR MEDICAL SYSTEMS, INC. 2,839,071
INDENA S.P.A. 2,757,925
INOUE, TOMOKO 2,879,836
INSTITUT PASTEUR 2,720,778
INTERQUIM, S.A. 2,868,923
INTERVET INTERNATIONAL B.V. 2,694,919
INVAFREE HMS INC. 2,752,512
IRDETO B.V. 2,717,622
IRITSUKI, KEITA 2,869,631
ISAACS, CHRISTIAN 2,825,404
ISELE, OLAF ERIK ALEXANDER 2,830,946
ISHII, YUSUKE 2,893,028
ISHIZUKA, MASAYUKI 2,952,543
IVECO S.P.A. 2,740,444
IWAKI, YUKI 2,763,572
IWAKI, YUKI 2,780,150
J&J SOLUTIONS, INC. 2,891,798
JACKSON, DOUGLAS K. 2,787,430
JACKSON, GRAHAM MAUDSLAY 2,749,412
JACKSON, TIMOTHY E. 2,858,322
JAMES, JESSE M. 2,934,736
JANAK, KEVIN E. 2,767,918
JANSEN, JUSTIN 2,680,807
JASKLOWSKI, CHRISTOPHER T. 2,843,567
JECEN, JOSEPH C. 2,846,521
JEEVANANDAM, VALLUVAN 2,778,450
JEN, CATHERINE 2,835,747
JESTER, STEVEN J. 2,839,071
JIANG, FAN 2,881,807
JIANG, JUN 2,834,928
JIMENEZ, WALMY CUELLO 2,926,489
JIN, SHENGWEN 2,881,807
JOHNSON, BRYCE 2,833,788
JOHNSON, ROBERT T. 2,858,322
JOHNSTON, GABRIEL A. 2,764,388
JOINTVUE, LLC 2,751,422
JONES, BRADLEY N. 2,891,663
JONES, JERRY A. 2,783,360
JONES, PAUL 2,926,489
JORDAN, BRETT 2,786,606
JOSIAM, KAUSHIK 2,817,314
JOU, RONALD 2,757,822
JOY MM DELAWARE, INC. 2,746,268
JULEMONT, PIERRE 2,787,276
JULIAA, JEAN-FRANCOIS 2,778,007
JUN, HAE-YOUNG 2,790,459
JUPP, SIMON 2,884,754
K-FEE SYSTEM GMBH 2,800,918
K.N. CROWDER MFG. INC. 2,881,038
KABUSHIKI KAISHA TOSHIBA 2,921,057
KACIAN, DANIEL L. 2,558,266
KAHKONEN, MARKO 2,843,573
KAHKONEN, MIKA 2,843,573
KAINZ, SONJA 2,866,454
KAKENO, YUJI 2,911,778
KALLSEN, KENT JEFFREY 2,891,798
KALUS, MARK 2,819,268
KAMINSKY, MARGARITA B. 2,558,266
KANEKO, TOMOHIKO 2,911,562
KANG, DAE IK 2,888,314
KANG, KEJUN 2,902,952
KAO CORPORATION 2,784,400
KAPER, JOSEPH P. 2,718,657
KAPUR, TERRI 2,668,266
KARABIN, RICHARD F. 2,904,439
KARCZEWICZ, MARTA 2,840,598
KARCZEWICZ, MARTA 2,863,011
KARKI, RAJESHRI GANESH 2,763,572
KASE, MINORU 2,784,400
KASPARKOVA, PAVLINA 2,830,946
KASTNER, THORSTEN 2,880,891
KATATA, HIROYUKI 2,925,141
KATO, TOMOMI 2,747,770
KATZ, GARY 2,888,282
KAWANAMI, TOSHIO 2,763,572
KAWANAMI, TOSHIO 2,780,150
KAYAHASHI, SHUN 2,714,200
KAZALA, JR., RICHARD MARVIN 2,726,042
KCI LICENSING, INC. 2,726,042
KEELEY, DANIEL 2,668,266
KEIL, MICHAEL 2,815,253
KELPE, DAVID 2,760,697
KENIG, SHMUEL 2,743,597
KENNEDY, GREGG L. 2,796,907
KENNEDY, MARK WILLIAM 2,871,245
KENNEDY, THOMAS 2,749,659
KEOGH, ANDREW JOSEPH 2,749,412
KERR, CAROLYN 2,858,322
KESSLER, THOMAS 2,888,282
KETONEX LIMITED 2,804,687
KHAN, SHAKEEB Z. 2,920,977
KHOSLA, CHAITAN 2,680,590
KIL, DAVID H. 2,673,150
KIM, KI YOUN 2,882,436
KIMURA, MAKOTO 2,747,770
KIMURA, NATSUKO 2,968,203
KINSEY, P. SPENCER 2,728,230
KINZLER, KENNETH W. 2,656,022
KITAZOE, MASATO 2,864,505
KLASKA, FRANTISEK 2,830,946
KLEIN, CHRISTIAN 2,709,345
KLEIN, THOMAS 2,735,562
KLESCZEWSKI, BERT 2,704,918
KLESCZEWSKI, BERT 2,767,469
KLUGE, STEFAN 2,858,762
KNOBLOCH, ALEXANDER 2,756,116
KNOPECK, GARY M. 2,691,584
KOBAYASHI, TAKUMA 2,941,718
KOELLNER, WALTER G. 2,778,418
KOMATSU, TAKASHI 2,952,543
KOMATSU, TOSHITERU 2,784,400
KOMISTEK, RICK 2,751,422
KONG, FANSHENG 2,924,705
KONG, RYAN 2,691,255
KOPECKY, SARAH ELIZABETH 2,767,918
KOPLIN, RANDALL SCOTT 2,891,798
KOVOSCHMIDT S.R.O. 2,767,535
KOZAK, BURTON 2,736,502
KOZAK, IRA 2,736,502
KOZAK, KRISTOPHER C. 2,826,388
KRAFT FOODS GROUP BRANDS LLC 2,635,146
KREHEL, GREGG 2,890,787
KREJCAREK, MICHAEL 2,760,697
KRISHNASWAMY, PRADEEP 2,825,404
KROHN, HELGE 2,758,448
KRUEGER INTERNATIONAL, INC. 2,892,123
KRUEGER, MARC 2,800,918
KRUGER, THOMAS 2,693,620
KSANDER, GARY MICHAEL 2,763,572
KSANDER, GARY MICHAEL 2,780,150
KULPRATHIPANJA, SATHIT 2,878,916
KULPRATHIPANJA, SATHIT 2,878,917
KUMAR, ANIL 2,885,842
KUMMER, JIRI 2,830,946
KUMPF, STEVEN JAMES 2,781,544
KUNDAM, RAVI KIRAN 2,918,334
KUNZ, KENNETH 2,769,343

Index of Canadian Patents Issued
October 17, 2017

KUREHA CORPORATION 2,941,718
KUSAK, TOMAS 2,845,605
KUTTNER, OLIVER CHRISTOPH FERDINAND 2,797,062
KYB CORPORATION 2,907,510
KYOWA HAKKO BIO CO., LTD. 2,714,200
L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,784,877
L-3 COMMUNICATIONS CORPORATION 2,809,794
LABORATORIO FARMACEUTICO C.T. S.R.L. 2,911,120
LABORATORIOS ANDROMACO S.A. 2,710,952
LADANYI, MICHAEL 2,877,604
LAFOSSE-MARIN, ISABELLE 2,887,607
LAKSHMANAN, VIVEK 2,916,386
LAMBINET, SANDRINE 2,897,457
LANDIS+GYR TECHNOLOGIES, LLC 2,833,788
LANDIS+GYR TECHNOLOGIES, LLC 2,860,155
LANDMARK GRAPHICS CORPORATION 2,857,633
LANDMARK GRAPHICS CORPORATION 2,881,807
LANDMARK GRAPHICS CORPORATION 2,890,817
LANDMARK GRAPHICS CORPORATION 2,917,844
LANE, CHRISTOPHER DAVID 2,879,806
LANGE, DAVID 2,787,930
LANGELIER, CELINE 2,706,935
LANGNER, ANDREAS 2,747,547
LAPCIK, ZDENEK 2,845,605
LASHINSKI, RANDALL T. 2,697,364
LAU, EIK-LANG 2,888,282
LAVAL, BERTRAND 2,785,209
LAVIGNE, PATRICK 2,797,855
LE CREUSET SAS 2,787,233
LEBLANC, YVES 2,773,379
LECOMTE, JEREMIE 2,871,498
LED ROADWAY LIGHTING LTD. 2,950,632
LEE OILFIELD SERVICE LTD. 2,709,359
LEE, CHUN D. 2,769,587
LEE, DANIEL JUHYUNG 2,891,798
LEE, HO WOO 2,888,314
LEE, JEE HOON 2,882,436
LEE, SUNG JAMES 2,779,457
LEHAR, MATTHEW ALEXANDER 2,780,988
LEI, SHAW-MIN 2,794,379
LEI, SHAWMIN 2,925,141
LEITCH, VIRGINIA 2,748,500
LEITERITZ, NATHAN GERALD 2,845,605
LEMMON, ANDREW N. 2,761,322
LENHART, TAD E. 2,892,123
LENNOX, JONATHAN 2,829,290
LERM, CLAUDIA 2,770,089
LEWIN, ANDREW CHARLES 2,774,841
LEXMARK INTERNATIONAL, INC. 2,910,950
LI, ANDREW ANDREY 2,836,250
LI, JIANMIN 2,902,952
LI, JIJUN 2,924,705
LI, JINSHUI 2,900,748
LI, WINFENG 2,885,842
LI, YUANJING 2,902,952
LI, YULAN 2,902,952
LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD. 2,924,705
LIEFER, DAVID K. 2,886,452
LIFESCAN, INC. 2,723,353
LIFF, HAROLD J. 2,814,259
LIFFRING, MARK E. 2,858,322
LIMBACK, SCOTT R. 2,718,657
LIN, HUAZI 2,672,760
LIN, HUAZI 2,781,743
LIN, JIAN-LIANG 2,794,379
LINDENTHALER, WERNER 2,858,595
LITTLEFUSE, INC. 2,718,572
LIU, MICHAEL CHUNG KAU 2,795,017
LIU, XIAO 2,718,329
LIUNGMAN, KRISTER 2,815,897
LIVCHAK, ANDREY V. 2,820,243
LO, CHI-JUI 2,876,488
LOCK, KAM 2,857,551
LOHMANN & RAUSCHER GMBH 2,866,454
LONG, JUSTIN ALEXANDER 2,726,042
LONZA INC. 2,767,918
LORD, PAUL D. 2,869,630
LORING, THOMAS 2,783,553
LOUGHNER, DANIEL L. 2,757,629
LU, HAIPING 2,900,630
LU, PING 2,718,329
LUBOFF, PALADIN 2,786,606
LUCCI, ROBERT M. 2,846,728
LUCITE INTERNATIONAL SPECIALITY POLYMERS AND RESINS LIMITED 2,731,344
LUDENSKY, MICHAEL LEONID 2,767,918
LUDLOW, JED 2,941,509
LUECKE, KENN R. 2,886,452
LUEDI, MANFRED KARL 2,877,544
LUENG, CHUN MAN ALAN 2,877,544
LUMENCO, LLC 2,892,915
LUNDGREN, PAULA R. 2,888,158
LUO, HONG 2,924,705
LUTTRELL, GERALD 2,875,479
LUTZ, JUERGEN 2,694,919
LYDALL SOLUTECH B.V. 2,716,272
M-I L.L.C. 2,891,663
MACDONALD, DANIEL 2,801,889
MADDEN, JAMES 2,846,521
MAES, DANIEL H. 2,750,469
MAES, MARCEL PETER GERARD 2,777,773
MAFFETONE, GERALD J. 2,834,873
MAGEE, GREG 2,757,822
MAGSEIS AS 2,796,841
MAHER, AARON COPE 2,879,806
MAHER, DION JAYE 2,879,806
MAHFOUZ, MOHAMED RASHWAN 2,751,422
MAIR, JUTTA 2,769,037
MAJUMDAR, SOUMYAJIT 2,741,862
MANCEAU, EMMANUEL 2,469,957
MANDAL, BATAKRISHNA 2,926,489
MANN, ALFRED 2,728,230
MANNKIND CORPORATION 2,728,230
MANZO, ANIELLO 2,796,212
MAO, YALING 2,943,156
MARABI, ALEJANDRO 2,776,561
MARAL, JEAN-LUC 2,857,551
MARCHE, JACQUES HERVE 2,931,634
MARGULIES, EDWIN KENNETH 2,618,155
MARK, MICHAEL 2,735,562
MARSHALL, JAYNE 2,726,739
MASSARI, STEFANO 2,700,081
MASSE, JEAN-REMI 2,796,739
MASSICOTTE, ALAIN 2,801,872
MASSOT, GILLES 2,796,739
MAST, LUKE A. 2,768,822
MATA, MIGUEL LUIS 2,928,906
MATAS, MICHAEL 2,888,667
MATHIS, RONALD CHRISTOPHER 2,797,062
MATYJASZCZYK, MACIEJ STANISLAW 2,717,817
MAUTINO, SCOTT P. 2,736,509
MAVROUDIS, NIKOS 2,710,093
MAYER, DAVID 2,921,093
MAZER, TERRENCE 2,888,282
MAZUMDAR, JOY 2,778,418
MCADON, MARK H. 2,904,972
MCAREE, ROSS 2,648,556
MCCARTHY, JAMES TIMOTHY 2,750,469
MCCONWAY & TORLEY, LLC 2,736,509
MCCOOK, JOHN PATRICK 2,721,071
MCCOOL, STEVEN C. 2,787,430
MCDONALD, DAVID 2,731,344
MCENTEE, JARLATH 2,756,976
MCEWEN-KING, MAGNUS 2,780,673
MCGILL, DAVID W. 2,712,950
MCGINLEY, LINDA B. 2,719,181
MCGINNIS, PATRICK 2,756,976
MCGRATH, CHRISTIE PATRICK 2,832,444
MCGUIRE, KENNETH STEPHEN 2,873,001
MCLEAN, SCOTT 2,728,230
MCLUCKEY, SCOTT A. 2,773,379
MCMILLEN, RICHARD G. 2,736,509
MCWANE GLOBAL 2,912,777
MEASOM, RONALD J. 2,861,312
MECL, ZDENEK 2,830,946
MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH 2,858,595

Index des brevets canadiens délivrés
17 octobre 2017

MEDTRONIC XOMED, INC. 2,764,388
MEDTRONIC XOMED, INC. 2,877,544
MEHTA, KRUNAL KANUBHAI 2,918,334
MEI, ZHU-SONG 2,673,150
MELICHAR, MICHAEL W. 2,757,629
MELNICK, SUSAN MARIE 2,779,457
MENG, CHARLES Q. 2,769,385
MENG, CHARLES Q. 2,782,902
MENON, CARLO 2,813,811
MEREDITH, KIMBERLY D. 2,897,734
MERHAR, THOMAS 2,818,318
MERIAL, INC. 2,769,385
MERIAL, INC. 2,782,902
MERIAL, INC. 2,864,106
MERLIN, SIMONE 2,804,374
MERLO, LUCA 2,548,490
MERTENS, CHRISTINA 2,694,919
METKE, ANTHONY 2,896,681
MEYER-AHRENS, SVEN 2,704,918
MEYER-AHRENS, SVEN 2,767,469
MEYLAN, ARNAUD 2,864,505
MEZGHANI, NEILA 2,797,855
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,783,335
MICHIELS, WILHELMUS P. A. J. 2,717,622
MICRODOSE THERAPEUTX, INC. 2,896,103
MICROSOFT TECHNOLOGY LICENSING, LLC 2,756,837
MILLER, CARL BLANE 2,937,439
MILLER, GUY M. 2,777,479
MILLER, JONATHAN 2,772,890
MINERAL TECHNOLOGIES PTY LTD 2,779,505
MINO, SHINJI 2,869,706
MIRANDA, ANTONIO 2,710,952
MISKOVIC, SANJA 2,875,479
MITA, TAKESHI 2,694,919
MITCHELL, ROBERT F. 2,917,844
MITCHELL, STEPHEN R. 2,891,798
MITRA, ASHISH SUDHIR 2,847,687
MITSUBISHI ELECTRIC CORPORATION 2,959,798
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,917,796
MIURA, KOICHI 2,748,925
MIWA, NORIKO 2,789,368
MMI-IPCO, LLC 2,781,383
MOBILE SEARCH SECURITY LLC 2,887,396
MODOLO, JULIEN 2,761,637
MOGI, MUNETO 2,763,572
MOGI, MUNETO 2,780,150
MOMBELLI, GIACOMO 2,757,925
MONDELEZ UK HOLDINGS & SERVICES LIMITED 2,749,412
MONDELEZ UK HOLDINGS & SERVICES LIMITED 2,755,732
MONSANTO TECHNOLOGY LLC 2,760,697
MOORHEAD, BRIAN 2,721,548
MORAN, DECLAN 2,798,883
MORIOKA, MASANARI 2,725,488
MORIWAKI, JUNYA 2,784,400
MOROSEY, JAY ROBERT, JR. 2,887,607
MORPHO 2,778,847
MOSS, SIMON BYFORD 2,832,444
MOTOROLA SOLUTIONS, INC. 2,896,681
MOTOROLA SOLUTIONS, INC. 2,920,977
MOTOROLA SOLUTIONS, INC. 2,940,789
MOTOROLA SOLUTIONS, INC. 2,944,268
MOUNTZ, BRADLEY 2,765,379
MOUNTZ, INC. 2,765,379
MUEHRENBERG, ROLAND 2,767,299
MUEHRENBERG, ROLAND 2,767,638
MUELLER, HUBERT 2,740,444
MULHEARN, PATRICK F.X. 2,887,396
MULTRUS, MARKUS 2,862,712
MULTRUS, MARKUS 2,862,715
MULTRUS, MARKUS 2,871,498
MURPHREE, ZACHARY R. 2,909,970
MURPHY, VINCENT J. 2,763,777
MURRAY, MICHAEL A. 2,680,917
MUSALE, DEEPAK A. 2,722,817
MUSION IP LIMITED 2,785,261
MUSTANG SAMPLING, LLC 2,906,091
MUTILANGI, WILLIAM 2,898,108
NADA, MITSUHIRO 2,911,562
NADA, MITSUHIRO 2,911,778
NAGAE, KOUKI 2,907,510
NAGANUMA, YOSHIAKI 2,911,562
NAGEL, FREDERIK 2,884,420
NAKAO, KAORU 2,793,730
NAKAZAWA, RYOSUKE 2,725,488
NALCO COMPANY 2,722,817
NALCO COMPANY 2,786,744
NANTO S.R.L. 2,743,597
NAPIER, JAMES J. 2,753,825
NARAIN, NIVEN RAJIN 2,721,071
NATALIE, KENNETH J., JR. 2,780,790
NATIONAL OILWELL VARCO, L.P. 2,946,598
NAVCOM TECHNOLOGY, INC. 2,789,713
NCC NANO, LLC 2,787,430
NELSON, NORMAN C. 2,558,266
NEPHROGENESIS, LLC 2,895,721
NESTEC S.A. 2,776,561
NEXXOIL AG 2,779,751
NG, MARTIN KEAN CHONG 2,847,687
NGUYEN, HUAN C. 2,846,521
NGUYEN, MINH-TAM 2,906,891
NGUYEN, PHILIP 2,869,630
NGUYEN, PHILIP D. 2,898,728
NIEDERREITER, GERHARD 2,776,561
NIKE INNOVATE C.V. 2,770,113
NIPPON GAS CO., LTD. 2,925,479
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,865,910
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,869,706
NISSAN MOTOR CO., LTD. 2,869,631
NOBLE, AARON 2,875,479
NOFFKE, RICHARD PAUL 2,870,057
NORDSIECK, ARNOLD W. 2,858,322
NORELL, NEIL N. 2,772,890
NORTEV LIMITED 2,798,883
NORVELL, DAVID K. 2,680,917
NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU) 2,871,245
NOSKE, JOE 2,898,461
NOURELDIN, ABOELMAGD 2,834,916
NOVARTIS AG 2,763,572
NOVARTIS AG 2,780,150
NOVELIS INC. 2,896,729
NOVOMATIC AG 2,767,299
NOVOMATIC AG 2,767,638
NUCTECH COMPANY LIMITED 2,902,952
NUPULSE, INC. 2,778,450
NURMEKSEN TYOSTO JA TARVIKE OY 2,843,573
NURSIMULU, KHENAIDOO 2,836,250
NUTRINIA LTD. 2,690,854
NUVERA FUEL CELLS EUROPE S.R.L. 2,548,490
NUVERA FUEL CELLS, LLC 2,548,490
NVISION MEDICAL CORPORATION 2,824,524
O'CONNELL, IAN 2,785,261
O'REGAN, TIMOTHY J. 2,914,798
O'REGAN, TIMOTHY M. 2,914,798
O'SULLIVAN, GAVAN 2,798,883
O.M.T. OFFICINA MECCANICA TARTARINI S.R.L. 2,784,719
OCEAN RENEWABLE POWER COMPANY, INC. 2,756,976
OCHS, HELMUT 2,767,638
ODA, KOHEI 2,911,778
OGAWA, TOMOHIRO 2,911,562
OGILVIE, JAMES ALLEN 2,913,435
OH, JI YOUNG 2,888,314
OHKAMI, KOHHEI 2,795,434
OHKAMI, SHUJI 2,795,434
OHLENDORF, DANIEL 2,765,379
OKONIEWSKI, GREGORY 2,716,060
OKURA, MASAYUKI 2,941,718
OLIEHOEK, LEANDRO 2,710,093
OLIVEIRA, STEVEN M. 2,915,257
OMACHRON INTELLECTUAL PROPERTY INC. 2,924,492
OMNICARE INC. 2,781,890
OMYA INTERNATIONAL AG 2,862,092
OMYA INTERNATIONAL AG 2,899,282
OMYA INTERNATIONAL AG 2,908,947
ONKEN'S INCORPORATED 2,718,202
ONKEN, DONALD R., JR. 2,718,202
ONKEN, JOSEPH D. 2,718,202
OPTASENSE HOLDINGS LIMITED 2,780,673
ORACLE INTERNATIONAL CORPORATION 2,618,155
ORCHARD, DAVID ARTHUR 2,774,841
ORTHO-MCNEIL-JANSSEN PHARMACEUTICALS, INC 2,898,529
OSTERMEIER, PETER 2,818,318
OTTEN, MANDUELA 2,767,469
OUAKRIM, YOUSSEF 2,797,855

Index of Canadian Patents Issued
October 17, 2017

OVERFIELD, DENNIS O. 2,728,230
OWAKI, JUNICHI 2,907,510
OY HALTON GROUP LTD. 2,820,243
OYA, RYOSUKE 2,911,562
OZAKI, ATSUO 2,959,798
PABEN PROYECTOS ESTRATEGICOS, S.A. DE C.V. 2,756,683
PACK, SHAWN K. 2,780,790
PALANIGOUNDER, ANAND 2,802,488
PALMAS, PAOLO 2,878,916
PALMAS, PAOLO 2,878,917
PALMER, MARK 2,779,505
PANG, XUEYU 2,926,489
PAPARO, ARI 2,819,268
PARENT, GERALD 2,797,855
PARK, DONG-SEEK 2,790,459
PARK, SUNG-BUM 2,790,459
PARON, GREGORY JOHN 2,881,038
PASON SYSTEMS CORP. 2,691,255
PATCHEAK, TERRY D. 2,768,822
PATEL, BHARAT P. 2,780,790
PAULINI, RALPH 2,769,385
PAULINI, RALPH 2,782,902
PEDLEY, DOUGLAS 2,770,113
PEDROS, GUIDO 2,890,787
PEIRSMAN, DANIEL 2,784,687
PELL, CHRISTOPHER STEVEN 2,757,822
PELLE, EDWARD 2,750,469
PELLETIER, JEAN-MICHEL 2,882,168
PEMBERTON, GARETH ROSS 2,918,997
PENG, YONG 2,924,705
PENNARUN, PIERRE-YVES 2,794,433
PEPSICO, INC. 2,898,108
PERAK, ANTE 2,749,365
PERI GMBH 2,908,573
PERNODET, NADINE A. 2,750,469
PERSAUD, INDUSHEKHAR 2,721,071
PETERS, JOHN T. 2,858,322
PETRE, PETER 2,845,472
PHAM, HANG T. 2,691,584
PHANG, WAYNE M. 2,920,977
PHILLIPS 66 COMPANY 2,805,869
PHILLIPS, ANDREW JOHN 2,826,388
PHILLIPS, CHRISTINE MARIE 2,848,180
PI, ZHOUYUE 2,817,314
PIERCE, DAVID BARNARD 2,680,807
PINZUR, MICHAEL 2,783,553
PIZCUETA LALANZA, MARIA PILAR 2,728,976
PLC PATENTS AND TRADE MARKS INC. 2,854,917
PNEURON CORP. 2,832,444
POFFET, MARTINE 2,862,092
POFFET, MARTINE 2,908,947
POHLMAN, MATTHIAS 2,769,385
POHLMAN, MATTHIAS 2,782,902
POLA CHEMICAL INDUSTRIES INC. 2,747,770
POLIDORO, JOHN M. 2,728,230
POLOTSKI, VLADIMIR 2,791,403
POLYIC GMBH & CO. KG 2,756,116
POWERS, SCOTT G. 2,746,268
POYYARA, RAGI LOHIDAKSHAN 2,918,334
PPG INDUSTRIES OHIO, INC. 2,857,551
PPG INDUSTRIES OHIO, INC. 2,904,439
PRATT & WHITNEY CANADA CORP. 2,690,576
PRECISION SYSTEMS INTERNATIONAL IP PTY LTD 2,879,806
PREMIUM ELECTRONIC CO LTD 2,777,773
PRIME, DAVID 2,758,940
PRITCHARD, JONATHAN ALEXANDER SKOYLES 2,774,841
PROVEPHARM LIFE SOLUTIONS 2,657,535
PURDUE RESEARCH FOUNDATION 2,773,379
QINETIQ LIMITED 2,774,841
QUALCOMM INCORPORATED 2,710,627
QUALCOMM INCORPORATED 2,742,995
QUALCOMM INCORPORATED 2,802,488
QUALCOMM INCORPORATED 2,804,374
QUALCOMM INCORPORATED 2,840,598
QUALCOMM INCORPORATED 2,863,011
QUALCOMM INCORPORATED 2,864,505
QUALCOMM INCORPORATED 2,884,278
QUALCOMM INCORPORATED 2,904,747
QUALCOMM INCORPORATED 2,910,969
QUALCOMM INCORPORATED 2,926,840
QUERRY, TIMOTHY L. 2,906,091
RACZEWSKI, CHESTER 2,820,243
RADZIUNAS, JEFFREY 2,806,218
RAGAB, SAAD 2,875,479
RAINERI, LINDA 2,723,353
RAINS, MITCHELL ELVIN 2,861,312
RAKIEWICZ, EDWARD F. 2,904,439
RAMPERSAD, NEIL 2,875,593
RAMSAY, TRAVIS ST. GEORGE 2,890,817
RANEY, CHARLES C. 2,815,253
RANGER, PIERRE 2,797,855
RAPPARINI, GINO 2,927,329
RAPTA, MIROSLAV 2,745,441
RARITAN AMERICAS, INC. 2,815,242
RATHBONE, DAVID 2,764,639
RAVESTEIN, PETER 2,710,093
RAY, GARY A. 2,845,472
RAYKOV, ZAHARI 2,797,553
RAYMOND, MARK A. 2,892,915
REALD SPARK, LLC 2,817,044
REED, KENNETH J. 2,747,547
REED, PETER E. 2,786,744
REICHOW, ALAN W. 2,770,113
REIDLINGER, GERHARD, DR. 2,806,136
REITSMA, KATRIN 2,896,681
RENISHAW PLC 2,872,998
RENNOVIA INC. 2,763,777
RENTSCH, SAMUEL 2,862,092
RENTSCH, SAMUEL 2,899,282
REPKA, MICHAEL A. 2,741,862
RESHETNYAK, MYKHAYLO MICHAEL 2,836,250
REUTZEL-EDENS, SUSAN MARIE 2,925,128
REYNOLDS, DAVID L. 2,801,889
REYTIER, MAGALI 2,778,007
REZINAS, RICK M. 2,770,113
RICHTER, MARTINUS 2,783,553
RICKMAN, RICHARD D. 2,869,630
RICOH COMPANY, LIMITED 2,861,239
RICORDEAU, JULIEN 2,796,739
RIEGEL, DANIEL 2,749,659
RIGENERAND S.R.L. 2,760,482
RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V. 2,637,831
RINDERSPACHER, MARC 2,767,299
ROBINSON, MICHAEL G. 2,817,044
ROBITAILLE, JAMES M. 2,772,890
ROCK, CHRISTINE M. 2,718,657
ROCK, MOSHE 2,781,383
RODEMS, ERIC 2,846,728
RODSETH, WILLIAM G. 2,718,572
ROE, STEVEN N. 2,815,253
ROHOEL-AUFSUCHUNGS AG 2,697,323
ROLSTON, CLAUDE A. 2,906,091
ROMERO MEJIA, FERNANDO GONZALO 2,710,952
ROMMELAERE, JEAN 2,797,553
ROOP, JOHN AVI 2,757,822
ROTH, GARY A. 2,800,073
ROUGEOT, CATHERINE 2,720,778
ROUWENDAL, GERARD JOHAN ADOLPH 2,684,370
ROWE, MATHEW DENNIS 2,945,619
RUBLE, B. SCOTT 2,756,837
RUBY, THOMAS 2,757,822
RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG 2,797,553
RUSSELL, JAMES 2,558,266
RUSSO, CHRISTOPHER DALE 2,937,439
RUTKOWSKI, BRIAN 2,721,548
RYLATT, DENNIS 2,723,353
SAFAI, MORTEZA 2,897,734
SAHL, CARL R. 2,728,230
SAHOO, BRUNDABAN 2,944,268
SAID, ABDEL-HALIM 2,875,479
SAIKA, MASAYUKI 2,952,543
SAITOH, YUKO 2,747,770
SAKAI, YASUSHI 2,714,200
SALOWAY, SIMON CRAIG 2,897,094
SALPIETRA, JOSEPH ANTHONY 2,737,789
SALVADOR, PATRICK 2,763,137
SALVATICI SALAZAR, RAUL PATRICIO 2,710,952
SAMMARTINI, MARCO 2,804,415
SAMPATH, HEMANTH 2,804,374
SAMSUNG ELECTRONICS CO., LTD. 2,790,459
SAMSUNG ELECTRONICS CO., LTD. 2,817,314
SAMSUNG ELECTRONICS CO., LTD. 2,840,638
SAMSUNG ELECTRONICS CO., LTD. 2,882,436

SAMUEL, ROBELLO 2,910,040
SANCHEZ, KARLA MISHELL 2,887,607
SAPIENZA, JONATHAN W. 2,718,459
SARNA, SURBHI 2,824,524
SASAKI, TERUHIKO 2,725,488
SATOU, KAZUYUKI 2,869,631
SAUER, CHRISTOPHER 2,756,976
SAWANT, KAILAS B. 2,786,744
SAYAH, BABAK 2,657,535
SCARPACI, JACOB W. 2,712,950
SCHAEFER, WOLFGANG 2,709,345
SCHAVE, ROBERT A. 2,857,633
SCHLOTHAUER, RALF CHRISTIAN 2,797,236
SCHLUMBERGER CANADA LIMITED 2,759,705
SCHMEICHEL, KELLY LEE 2,887,607
SCHNEIDER, BRADLEY B. 2,754,924
SCHOELKOPF, JOACHIM 2,908,947
SCHOFIELD, NIGEL PAUL 2,795,017
SCHORN, GREG 2,668,266
SCHRODER, KURT A. 2,787,430
SCHUDALLA, RANDALL W. 2,736,509
SCHULAT, JOCHEN 2,891,041
SCOTT TECHNOLOGIES, INC. 2,717,817
SEADLER, TOBY 2,921,093
SEEBAUER, WILLIAM SCOTT 2,618,155
SENSIMED SA 2,784,934
SENSOR-KINESIS CORPORATION 2,786,606
SEREGIN, VADIM 2,863,011
SEREGIN, VADIM 2,910,969
SEVERSON, KEVIN J. 2,914,798
SHACHAM, ASSAF 2,926,840
SHACHAR, YEHOSHUA 2,786,606
SHAH, BAIJU 2,673,150
SHAH, DEEP 2,877,544
SHAIKH, ASHFAQ 2,787,930
SHANDER, MARK S. 2,858,322
SHAW, ROBERT D. 2,845,657
SHAW, TIMOTHY SCOTT 2,826,388
SHEHADEH, NAIM 2,690,854
SHELLEF, RAMMY A. 2,916,629
SHELTON, FREDERICK E., IV 2,680,917
SHEPHERD, TERENCE JOHN 2,774,841
SHETTY, SUDHAKAR S. 2,885,842
SHI, GUANGMING 2,710,627
SHIBATA, KEIJI 2,784,400
SHIKAMA, KOTA 2,869,706
SHIMIZU, MASAO 2,784,400
SHIOMI, TAKESHI 2,869,631
SHKRAB, ELENA 2,817,991
SHLONSKY, LYNNE 2,921,093
SHOP VAC CORPORATION 2,772,890
SHOYHETMAN, MICHAEL 2,709,359
SIBILLE, MARK STEPHEN 2,902,700
SICPA HOLDING SA 2,756,881
SIEBER, ANDREAS 2,858,762
SIEGEL, MATTHEW JOHN 2,680,590
SIEGWALD, NATHAN 2,718,572
SIEMENS INDUSTRY, INC. 2,739,973
SIEMENS INDUSTRY, INC. 2,778,418
SILVERNAIL, NATHAN J. 2,904,439
SIMEK, JAMES 2,941,509
SIMON FRASER UNIVERSITY 2,813,811
SIMONSON, RANDY R. 2,864,106
SIMONTON, THOMAS C. 2,901,431
SIMS, IAN 2,797,236
SINDEN, DAVID 2,896,729
SINGER, YOSSI 2,695,399
SINGH, RAJIV R. 2,691,584
SIRIGIREDDY, KAMESH REDDY 2,864,106
SK BIOPHARMACEUTICALS CO., LTD. 2,779,457
SKOVBY, MICHAEL 2,908,947
SLUMP, JOHN R. 2,891,798
SLUTSKY, LENNY 2,750,469
SMETS, GREGORY 2,857,551
SMITH, MICHAEL R. 2,757,445
SMITH, RANDY L. 2,757,629
SMITH, ROBERT 2,778,450
SMOTRYCZ, ZENON 2,719,181
SMUTNEY, CHAD C. 2,728,230
SNECMA 2,796,739
SNYDER, ROGER WILLIAM 2,778,450
SNYDER, RUSSELL IRA, III 2,897,094
SOERGEL, SEBASTIAN 2,782,902
SOFIANEK, JAY 2,846,728
SOHO FLORDIS INTERNATIONAL PTY LTD. 2,835,747
SOILMEC S.P.A. 2,700,081
SOILMEC S.P.A. 2,769,283
SOLE ROJALS, JOEL 2,863,011
SOLL, MARK DAVID 2,769,385
SOMMER-KNUDSEN, JENS 2,847,687
SONDEREGGER, REMO 2,800,918
SONNLEITNER, KURT 2,697,323
SOTO, HECTOR ANDRES PORRAS 2,892,915
SOYAMA, HIDEAKI 2,893,028
SPANGLER, CLINTON 2,911,958
SPECHT, RUDOLF 2,908,573
SPECKMAN, LORI 2,877,544
SPRINGER MASCHINENFABRIK AG 2,938,233
SPRINGGAY, ROBERT L. 2,858,322
SPRONKEN, JOHN R. 2,952,374
SRI, R. MATHANGI 2,896,781
SRINIVASAN, VENUGOPAL 2,741,391
SRIVASTAVA, VAIBHAV 2,896,781
ST. GELAIS, DAN 2,875,593
STANEK, DANIEL 2,718,572
STANLEY, SCOTT KENDYL 2,873,001
STAUBS, AMY E. 2,717,817
STAUTZENBERGER, ARTHUR TERRY 2,870,057
STEFFES, STEPHEN W. 2,845,657
STEINLECHNER, ERIK 2,866,454
STENZEL, GREGG S. 2,839,071
STEPHENS, JONATHAN MCDONALD COUNSELL 2,797,236
STERIS INC. 2,908,578
STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK 2,684,370
STOECKEL, PETER 2,693,620
STOUT, CHRISTOPHER 2,777,190
STRASSER, WALTER J. 2,768,822
STRICKLING, JAMES EUGENE 2,809,794
STRITTMATTER, ANDREW JEROME 2,870,276
STRYKER EUROPEAN HOLDINGS I, LLC 2,783,553
STUCKY, DAVID J. 2,845,657
SU, WEI-GUO 2,900,748
SUCECH, STEVEN W. 2,710,626
SUCHOFF, MICHAEL 2,815,242
SUDHARSANAN, RENGARAJAN 2,897,230
SUMITOMO CHEMICAL COMPANY, LIMITED 2,968,203
SUMITOMO HEAVY INDUSTRIES, LTD. 2,952,543
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,954,033
SUN, HAIRONG 2,934,585
SUN, ROBERT 2,763,572
SUN, SHIJUN 2,925,141
SURYANARAYANAN, DEEPAK 2,916,386
SUUTARINEN, AKI 2,895,965
SUZUKI, TOYOAKI 2,748,925
SVEINSVOLL, KARL 2,765,838
SWANN, BETSY 2,777,190
SWEENY, PHILIP GERDON 2,767,918
SWINNEY, LARRY D. 2,805,869
SYLVESTER, KEVIN THOMAS 2,904,439
SYNTA PHARMACEUTICALS CORP. 2,834,928
SZESKO, MICHAEL J. 2,781,890
SZYLAKOWSKI, GREGG R. 2,789,313
T.F.H. PUBLICATIONS, INC. 2,738,965
TAIT, COLIN A. 2,857,633
TAKAHASHI, TAKEO 2,941,718
TAKESHITA, MASAHIRO 2,906,490
TAMAI, MASASHI 2,747,770
TANAHASHI, HIROYUKI 2,865,910
TANG, SONGFA 2,818,792
TANGIRALA, VENKAT 2,710,627
TANIZAWA, AKIYUKI 2,921,057
TAPSTER, PAUL RICHARD 2,774,841
TAYLOR, PAUL MICHAEL GERALD 2,764,639
TDW DELAWARE, INC. 2,941,509
TECHNETICS GROUP FRANCE SAS 2,778,007
TEERMAN, RICHARD F. 2,783,360
TELIONIS, DEMETRI 2,875,479
TELLVIK, ERIK JONATHON 2,916,386
TENNY, NATHAN E. 2,742,995
TERENTIV, LEON 2,880,891
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,902,342
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,680,590
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,757,822

Index of Canadian Patents Issued
October 17, 2017

THE BOEING COMPANY 2,781,544
THE BOEING COMPANY 2,825,404
THE BOEING COMPANY 2,843,567
THE BOEING COMPANY 2,845,472
THE BOEING COMPANY 2,851,451
THE BOEING COMPANY 2,855,332
THE BOEING COMPANY 2,858,322
THE BOEING COMPANY 2,885,842
THE BOEING COMPANY 2,886,452
THE BOEING COMPANY 2,891,307
THE BOEING COMPANY 2,896,061
THE BOEING COMPANY 2,897,230
THE BOEING COMPANY 2,897,734
THE BOEING COMPANY 2,900,631
THE GILLETTE COMPANY LLC 2,856,750
THE JOHNS HOPKINS UNIVERSITY 2,656,022
THE NET RETURN, LLC 2,733,986
THE NIELSEN COMPANY (US), LLC 2,741,391
THE NIELSEN COMPANY (US), LLC 2,819,268
THE PROCTER & GAMBLE COMPANY 2,830,946
THE PROCTER & GAMBLE COMPANY 2,873,001
THE PROCTER AND GAMBLE COMPANY 2,887,607
THE SCRIPPS RESEARCH INSTITUTE 2,902,342
THE UNIVERSITY OF MISSISSIPPI 2,741,862
THERAVANCE BIOPHARMA R&D IP, LLC 2,745,441
THERRIEN, YVES 2,706,935
THIESSEN, JAY JOHN 2,946,598
THOMAS & BETTS INTERNATIONAL LLC 2,882,168
THOMPSON, KENNETH O. 2,906,091
THORNBURG, NEAL PATRICK 2,611,637
TIDWELL, DURRELL 2,764,388
TILLEY, DAVID J. 2,937,439
TIMKEN, HYE KYUNG CHO 2,848,180
TOECKES, MARK 2,770,005
TOH, CHIN H. 2,851,451
TOMOKIYO, TOSHIMASA 2,865,910
TOPCHY, ALEXANDER PAVLOVICH 2,741,391
TORAY INDUSTRIES, INC. 2,793,730
TORO, ANTONINO 2,548,490
TOTANI CORPORATION 2,919,972
TOTANI, MIKIO 2,919,972
TOWER, CHRISTOPHER R. 2,769,290
TOWLE, IAN 2,804,687
TOWLER, JERRY A. 2,826,388
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,906,490
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,075
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,562
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,778
TRAUTMAN, EARL D. 2,770,005
TREMBLAY, JACQUES 2,917,856
TREMBLAY, YAN 2,801,889
TREPANIER, JULIE 2,801,889
TRICK, SEBASTIAN 2,891,041
TROMBLEY, KURT FRANKLIN 2,887,607
TROUW INTERNATIONAL B.V. 2,765,838
TROWELL, STEPHEN CHARLES 2,748,500
TSAI, YU-PAO 2,794,379
TSINGHUA UNIVERSITY 2,902,952
TSUZUKI, KEN 2,869,706
TUFFBUILT PRODUCTS INC. 2,966,171
TUMLIN, JAMES A. 2,895,721
TYCO HEALTHCARE GROUP LP 2,716,060
TYCO HEALTHCARE GROUP LP 2,718,459
TYCO HEALTHCARE GROUP LP 2,890,787
TYMONKO, STEVEN 2,780,790
UENO, NORIEDA 2,952,543
UHL, ALBERT 2,825,660
UICO, INC. 2,807,387
UITTO, OSKARI 2,895,965
ULLMANN, ANDREAS 2,756,116
ULRICH, RICHARD BENNETT 2,697,716
UMAYAHARA, KENJI 2,911,778
UNG, KEVIN Y. 2,885,842
UNILEVER PLC 2,710,093
UNITED STATES GYPSUM COMPANY 2,710,626
UNIVERSIDAD DE LA FRONTERA 2,710,952
UNIVERSIDAD FEDERAL DE SAO PAULO 2,710,952
UNIVERSITATSKLINIKUM HEIDELBERG 2,797,553
UONG, DO 2,697,364
UOP LLC 2,757,445
UOP LLC 2,878,916
UOP LLC 2,878,917
UPP, STEVEN D. 2,896,681
URECH, DAVID 2,727,992
USNR/KOCKUMS CANCAR COMPANY 2,911,958
VAINER, GADALIA 2,781,383
VAL VICENTE, ALBERTO 2,601,185
VALIYANI, SAMEER 2,791,403
VAN DER MERWE, SHAWN 2,832,269
VAN DUN, CORNELIS MARIA PETRUS 2,637,831
VAN REMOORTERE, PETER JOZEF MARIA 2,898,529
VAN ROON, JEROEN LOUIS 2,906,891
VANDECRUYS, ROGER PETRUS GEREBERN 2,898,529
VANDEKERCKHOVE, STIJN 2,784,687
VANDERMEY, JOHN 2,754,924
VANQUICKENBORNE, STEFAAN 2,932,562
VASIC, MILAN 2,756,881
VENETEC INTERNATIONAL, INC. 2,775,571
VENTINOVA TECHNOLOGIES B.V. 2,678,892
VER VERS, LEONARD M. 2,786,744
VERMANI, SAMEER 2,804,374
VETESNIK, JAN 2,966,171
VIBRAM S.P.A. 2,719,181
VIDYO, INC. 2,829,290
VIJAYARAGHAVAN, RAVI 2,896,781
VINSKI, JOHNNY 2,690,576
VIOLA, FRANK J. 2,890,787
VIRDEN, PAUL 2,833,788
VIRGINIA TECH INTELLECTUAL PROPERTIES, INC. 2,875,479
VOEGELE, JAMES WALDEN 2,680,917
VOGELSTEIN, BERT 2,656,022
W&E INTERNATIONAL (CANADA) CORP. 2,672,760
WACHTER, ANDREAS K. 2,904,747
WADA, SHINJI 2,925,479
WADIA, BAHAR N. 2,807,387
WAGSTAFF, ROBERT BRUCE 2,896,729
WAIN, KEVIN JAMES 2,856,750
WAL-MART STORES, INC. 2,697,716
WALKER, CRAIG IAN 2,791,079
WALKER, TERRY R. 2,900,631
WALKIN, BRANDON MARSHALL 2,888,667
WALLACE, ROBERT L. 2,814,259
WALSTROM, STEVEN M. 2,858,322
WALTON, ZACHARY W. 2,909,970
WALTON, ZACHARY W. 2,916,378
WANG, CHAOCHAO 2,789,713
WANG, DONGYU 2,902,952
WANG, HUTING 2,924,705
WANG, JIZHONG 2,934,585
WANG, TIEN-SHOE 2,712,950
WANG, XIANGLIN 2,840,598
WANG, XUMING 2,710,626
WANG, YE-KUI 2,884,278
WANG, YE-KUI 2,910,969
WASIELEWSKI, RAY C. 2,751,422
WAUGE, DAVID HERMAN 2,648,556
WEARLY, DOUGLAS 2,888,282
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,875,423
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,898,461
WEAVER, GARY E. 2,852,403
WEBRE, CHARLES MICHAEL 2,902,700
WEBSTER, MARCUS 2,781,383
WEDAN, STEVEN R. 2,839,071
WEGELIN, JACKSON W. 2,708,691
WEIGL, MANFRED 2,820,400
WEIR MINERALS AUSTRALIA LTD 2,791,079
WEISENBURGH, WILLIAM BRUCE, II 2,680,917
WEITZEL, DOUGLAS 2,896,103
WENG, JIANFENG 2,815,724

Index des brevets canadiens délivrés
17 octobre 2017

WENGER, STEPHAN	2,829,290
WERNER, JENS	2,797,553
WEST PRODUCTION TECHNOLOGY AS	2,758,448
WESTEDT, ULRICH	2,888,282
WHEELER, LUCIE B.	2,899,362
WHEELRIGHT LIMITED	2,764,639
WHITNEY, MARK	2,749,659
WHITNEY, NIKKI J.	2,845,657
WIDENHOUSE, CHRISTOPHER W.	2,680,917
WIGET, PAUL A.	2,908,578
WILDE, STEPHAN	2,884,420
WILKES, ROBERT PEYTON	2,726,042
WILLIAMS, HEIKE	2,694,919
WILLIAMS, MARK SHERMAN	2,918,997
WILLIAMS, SCOTT J.	2,892,123
WILLIAMSON, RANDAL SCOTT	2,910,950
WILLNER, THOMAS	2,779,751
WILSON, REBECCA ANNE	2,774,841
WINTERS, SHAWN	2,950,632
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,655,873
WOERLE, JASMIN	2,756,116
WOKURKA, JOHN	2,886,452
WOLFE, MELVIN E., JR.	2,772,890
WONDERS, ALAN GEORGE	2,787,930
WONG, PAK MAN VICTOR	2,847,687
WOOD, LUCAS D.	2,845,657
WOODGATE, GRAHAM JOHN	2,817,044
WU, WINSTON	2,786,606
WU, YI-MIN	2,765,379
WUEBBELING, MARTIN	2,769,037
XIA, ZHIQIANG	2,834,928
XIAO, DENGMING	2,924,705
XIE, CHAO	2,901,661
XIXIA DRAGON INTO SPECIAL MATERIAL CO., LTD	2,806,776
XU, HAN	2,830,946
XU, SHENGXIANG	2,901,223
XU, XIAOCHUN	2,805,869
XU, XIAOLAN	2,856,750
XUE, ZHI YANG	2,548,490
YABUGUCHI, HIROKI	2,954,033
YACOUB, KEVIN	2,854,487
YAHMADI, IMED	2,618,155
YAMAGUCHI, JUN	2,921,057
YAMAMORI, TAKU	2,917,796
YAMAMOTO, KAZUO	2,911,075
YAMAOKA, KEIJIRO	2,652,930
YANG, SEUNG YONG	2,882,436
YANG, YIHONG	2,875,479
YAO, JIANHUA	2,805,869
YAO, LI	2,726,042
YATSUO DAIRY COOPERATIVE	2,795,434
YEE, TERRY	2,691,255
YEH, YING CHIN	2,891,307
YOKOYAMA, HIDEKI	2,954,033
YOKOYAMA, KOUJI	2,747,770
YOO, HERB	2,770,113
YOON, ROE-HOAN	2,875,479
YOSHIKAWA, SATORU	2,793,730
YOSHINO KOGYOSHO CO., LTD.	2,908,135
YOSHINO KOGYOSYO CO., LTD.	2,893,028
YU, CHONGXI	2,671,938
YU, SU	2,753,825
ZABALZA-MEZGHANI, ISABELLE	2,469,957
ZAGNOLI, DAVID ANTHONY	2,897,094
ZAMOW, RAINER	2,697,323
ZANDER, MARKO	2,767,299
ZANDER, MARKO	2,767,638
ZANOLINI, ANDREA	2,740,444
ZECCHI, STEFANO	2,784,719
ZEIBA, JAMES	2,781,383
ZENG, CHONGSHENG	2,818,792
ZHANG, HUI	2,924,705
ZHANG, LIPING	2,904,972
ZHANG, NAIJIE	2,898,108
ZHANG, WEIHAN	2,900,748
ZHANG, XIANSHENG	2,934,585
ZHANG, ZHENG	2,934,585
ZHAO, YONG	2,934,585
ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.	2,818,792
ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.	2,934,585
ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD.	2,718,329
ZHOU, YIQIAO	2,934,585
ZHU, SHUCHENG	2,806,776
ZHU, YAN	2,924,705
ZIMMERMAN, KYLE	2,786,606
ZIVKOVIC, IVAN	2,806,218
ZOLL CIRCULATION, INC.	2,695,930
ZOLLER, HARTMUT	2,694,919
ZOZULYA, SERGEI LEONIDOVICH	2,818,804
ZOZULYA, VLADIMIR LEONIDOVICH	2,818,804

Index of Canadian Applications Open to Public Inspection

October 1, 2017 to October 7, 2017

Index des demandes canadiennes mises à la disponibilité du public

1 octobre 2017 au 7 octobre 2017

A. FINKL & SONS CO. 2,963,394
ABDULHADI, ABDULHADI E. 2,925,979
ABELON, RYAN NELSON MARCELO 2,962,560
ACCESS INDUSTRIAL INC. 2,963,261
ACKERMANN, TOBIAS 2,931,716
ADAM, KYLE EDWARD 2,962,465
ADAMSON, JESSE 2,963,394
ADLER, PERCY 2,925,810
AGATSUMA CO., LTD. 2,957,204
AGCO CORPORATION 2,960,511
AGRIGENETICS, INC. 2,925,985
AHERN, JAMES 2,959,085
AINSLIE, JOHN 2,962,885
AIR PRODUCTS AND CHEMICALS, INC. 2,963,210
AIRBUS HELICOPTERS DEUTSCHLAND GMBH 2,955,167
AIRBUS HELICOPTERS DEUTSCHLAND GMBH 2,956,117
AKEL, HATEM 2,965,027
ALBRECHT, RICHARD WILLIAM, JR. 2,962,677
ALEED, SARAH 2,959,781
ALLISON, TODD N. 2,926,106
ALSTOM TRANSPORT TECHNOLOGIES 2,962,887
ALSTOM TRANSPORT TECHNOLOGIES 2,963,193
ANDREWS, SUSANNA 2,925,833
ANDREYCHUK, MARK 2,925,811
ANGMAN, PER 2,925,811
ARIENS COMPANY 2,962,687
ARIWODOLA, KAYODE T. 2,955,808
ARRIS ENTERPRISES LLC 2,963,387
ASSA ABLOY ENTRANCE SYSTEMS AB 2,962,980
ASTOLFI, ILARIA 2,963,663
ASWATH, RAVIKUMAR VEMAGAL 2,963,130
ATCHLEY, MICHAEL D. 2,961,938
ATLANTIC CANCER RESEARCH INSTITUTE 2,925,827
AUTOMATISATION GRIMARD INC. 2,969,681
AWHEDA, MOSTAFA DAEE 2,925,979
BALAKRISHNAN, MAHADEVAN SOMASUNDRAM 2,962,307
BALHARA, JYOTI 2,925,978
BALLESTEROS, JAVIER 2,962,887
BANDIT INDUSTRIES, INC. 2,963,652
BANDIT INDUSTRIES, INC. 2,963,653
BAR-TAL, MEIR 2,962,243
BARKER, PETER 2,963,190
BAYLISS, TERRENCE R 2,925,826
BEBESEL, MARIUS 2,956,117
BEDARD, YVON 2,925,800
BEDARD, YVON 2,925,822
BEESON, RICHARD 2,959,922
BEFUSS, JULIA 2,959,781
BEFUSS, JULIA 2,959,797
BEIERWALTES, WILLIAM T. 2,962,293
BEIERWALTES, WILLIAM T. 2,962,387
BELANGER, JACQUELINE M.R. 2,925,827
BELLAR, JASON D. 2,963,537
BENTLEY, STEPHEN 2,963,104
BERGMAN, RICHARD 2,925,809
BERNARDI, WALTER 2,962,971
BERTRAND, LOUIS 2,926,434
BESNER, SIMON 2,926,363
BESNER, SIMON 2,961,444
BIOCCO, SIMONE 2,963,103
BIOCCO, SIMONE 2,963,663
BIOCHAR NOW, LLC 2,962,293
BIOCHAR NOW, LLC 2,962,387
BIOSENSE WEBSTER (ISRAEL) LTD. 2,961,484
BIOSENSE WEBSTER (ISRAEL) LTD. 2,962,243
BIOSENSE WEBSTER (ISRAEL) LTD. 2,962,245
BIRSCHBACH, ALAN J. 2,963,101
BISHOP, MICHAEL JASON 2,961,776
BLAIS, JEAN-FRANCOIS 2,926,363
BLAIS, JEAN-FRANCOIS 2,961,444
BLAKELY, JOHN 2,963,404
BLIN, CHRISTINE CHENG 2,925,997
BOILY, HUGO 2,969,681
BOMBARDIER RECREATIONAL PRODUCTS INC. 2,925,800
BOMBARDIER RECREATIONAL PRODUCTS INC. 2,925,822
BOOKMAN, PETER G. 2,972,178
BORDIN, DENNIS 2,935,062
BORN EMPIRE 2,925,826
BOWTECH, INC. 2,945,729
BRANYON, JACOB DONALD PRUE 2,961,506
BRAUN, WAYNE HAROLD 2,961,084
BUDROW, CHASE 2,925,911
BULBUC, DANIEL JOHN 2,925,981
CAIRD, SCOTT J. 2,962,972
CALIFORNIA INNOVATIONS INC. 2,926,290
CANMIND INNOVATIONS INC. 2,963,511
CARROLL, JON 2,963,404
CASADO, ENRIQUE 2,957,888
CATCHING, BENJAMIN F. 2,963,204
CAVANAGH, RONALD 2,926,311
CELLI, SIMONE 2,963,103
CELLI, SIMONE 2,963,663
CERTAINTEED CORPORATION 2,963,049
CHAMPION, BRIAN 2,960,498
CHAPMAN, TIM 2,940,568
CHAPON, EMMANUEL 2,959,894
CHARTIER, MYRIAM 2,926,363
CHARTIER, MYRIAM 2,961,444
CHEN, FEI 2,963,210
CHEN, I-TEH 2,962,848
CHEN, LIN 2,962,841
CHEN, LIN 2,962,860
CHENG, ALLAN BLIN 2,925,997
CHILDS, DAVID HAROLD 2,925,981
CHRISTIANO, JOHN P. 2,963,207
CHRISTIANSEN, VON ROY, JR. 2,962,687
CHRISTIE LITES ENTERPRISES CANADA INC. 2,925,810
CHRISTIE, HUNTLY GORDON 2,925,810
CLARK, TOBY W. 2,962,005
CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD. 2,925,815
CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD. 2,938,500
CLOUTIER BOILY, GUILLAUME 2,958,642
CNH INDUSTRIAL AMERICA LLC 2,959,269
CNH INDUSTRIAL AMERICA LLC 2,959,932
CNH INDUSTRIAL AMERICA LLC 2,959,933
CNH INDUSTRIAL CANADA, LTD. 2,958,642
COLINES S.P.A. 2,961,843
COMCAST CABLE COMMUNICATIONS, LLC 2,962,974
CONNORS, MICHAEL J. 2,959,269
CORN PRODUCTS DEVELOPMENT, INC. 2,949,564
COSTAS, PABLO 2,957,888
COTE, PATRICE 2,963,128
COUDERT, LUCIE 2,926,363
COUDERT, LUCIE 2,961,444
COULSON, RICHARD R. 2,962,836
COVINGTON, DAVID 2,962,885

Index des demandes canadiennes mises à la disponibilité du public
1 octobre 2017 au 7 octobre 2017

COWEN, BRANDON 2,972,178
CRAGNOTTI, JOE 2,963,099
CRAIG MANUFACTURING LTD. 2,925,911
CRAIG, BENJAMIN 2,925,911
CRAWFORD, CHARLES 2,963,193
CRYNICK, TIMOTHY J. 2,963,743
CURRAN, MATTHEW 2,962,280
CUSITAR, WAYNE S. 2,971,501
CYARA SOLUTIONS PTY LTD. 2,963,105
DAON HOLDINGS LIMITED 2,959,085
DARITECH, INC. 2,963,406
DAVIS, CHRISTOPHER L. 2,955,808
DAVIS-STANDARD, LLC 2,963,207
DE-DEUS, GUSTAVO 2,975,102
DEERE & COMPANY 2,959,894
DELONG, MAX 2,925,911
DEMOPOULOS, GEORGE 2,926,356
DESHPANDE, RAAMESH 2,962,994
DEWAARD, DAVID 2,963,406
DILLON, GARRY L. 2,963,101
DIXIE ELECTRIC LTD. 2,961,888
DORRIS, BRANDON 2,963,404
DUBOULOZ, JEROME 2,962,887
DUCTILCRETE SLAB SYSTEMS, LLC 2,961,764
DUCTILCRETE SLAB SYSTEMS, LLC 2,961,765
DUNN, LONNIE JAMES 2,962,465
DUSK, RICHARD 2,940,568
DYNAGEN TECHNOLOGIES INCORPORATED 2,962,836
DYNAMIC SOLUTIONS WORLDWIDE, LLC 2,963,181
EACKER, CHRISTOPHER J. 2,945,729
EARWOOD, COREY 2,963,404
EATON CORPORATION 2,961,330
ECKARD, DUANE 2,960,498
EDWARDS, CHRISTOPHER 2,926,290
EIS GMBH 2,943,097
EISCH, PETER W. 2,963,101
EL-GAYYAR, AHMED 2,961,330
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,963,107
ENSCITECH CORP 2,962,794
EPHRATH, YARON 2,962,243
ESTILL, ERIC ALAN 2,962,677
EVANS, SAM 2,962,981
FABER S.P.A. 2,963,103
FABER S.P.A. 2,963,663
FACE, S. ALLEN 2,961,764
FACE, S. ALLEN 2,961,765
FAGINOLI, FRANCESCO 2,963,103
FAGINOLI, FRANCESCO 2,963,663
FALKENSTEIN, MICHAEL K. 2,960,619
FELDMANN, THOMAS 2,926,356
FELSS SYSTEMS GMBH 2,961,827
FINK, AXEL 2,955,167
FLYNN, PETER ANDREW 2,962,677
FORD MOTOR COMPANY 2,961,997
FORMELLA, GREG P. 2,963,101
FORTE, JON RYAN 2,928,490
FORTE, MARIO 2,928,490
FORTIER, JONATHAN 2,925,822
FOSTER, NICHOLAS 2,962,981
FOURNIER, DENIS 2,923,491
FRANZEN CANADA CORP. 2,931,716
FRANZINI, SIMONE 2,963,387
FRASER, JAMES 2,962,465
FRIES, JEFFREY 2,963,193
FRUSINA, CRISTIAN 2,962,862
FUNK, BRIAN 2,962,465
GAGNON, MARTIN 2,925,822
GALASSI, RAFFAELE 2,963,663
GAMBLE, DUSTIN ELI 2,962,280
GARRISON, SCOTT B. 2,961,940
GARRISON, SCOTT B. 2,961,942
GASPARD, JAMES G., II 2,962,293
GASPARD, JAMES G., II 2,962,387
GATES, GARY D. 2,962,687
GECKO ALLIANCE GROUP INC. 2,925,771
GENERAL ELECTRIC COMPANY 2,961,776
GENERAL ELECTRIC COMPANY 2,962,677
GENOVA, MICHAEL C. 2,962,987
GENTILE, MICHAEL G. 2,963,101
GERVAIS, JOEL JOHN OCTAVE 2,958,642
GIANT MANUFACTURING CO., LTD. 2,962,848
GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR. 2,962,677
GINGERA, GREGORY ROSS 2,925,985
GITERMAN, MICHAEL 2,962,465
GLADE, MARK M. 2,960,511
GOGOULIS, GEORGE N. 2,926,441
GONCALVES, FERNANDO 2,963,104
GOOD TECHNOLOGY HOLDINGS LIMITED 2,963,190
GOODRICH CORPORATION 2,954,458
GOVARI, ASSAF 2,962,243
GRAVES, GREGORY D. 2,961,073
GREEN TREE LABS INC. 2,962,862
GREENERITY GMBH 2,963,106
GREGORY HAYS 2,926,051
GUEDES, RICARDO M. 2,963,101
GUEMIZA, KARIMA 2,926,363
GUEMIZA, KARIMA 2,961,444
GUERIN, SEBASTIEN 2,959,894
GUIET, LIONEL 2,959,894
GULAGULI, SHASHIKANT 2,962,307
GULKER, WILLIAM 2,961,997
HAGELIN, JACK S. 2,955,808
HAISCH, STEFAN 2,956,117
HARDIN, JAMES R. 2,963,725
HAWKINS, SIAVASH JAMES JOORABCHIAN 2,963,190
HAYS, GREGORY 2,926,096
HEINRICHS, SERJOSHA 2,961,827
HENNEN, MIKE 2,963,376
HERAEUS MEDICAL GMBH 2,963,001
HIGH, DONALD R. 2,961,938
HILLIGOSS, LAWRENCE O. 2,963,099
HITCHCOCK, CORY M. 2,962,560
HOGAN, THOMAS S. 2,941,110
HONEYWELL INTERNATIONAL INC. 2,962,307
HONEYWELL INTERNATIONAL INC. 2,963,130
HONEYWELL INTERNATIONAL INC. 2,963,363
HOUSSARI, ADEL 2,965,027
HOW, TYLER 2,925,911
HRUSKA, CURTIS R. 2,963,204
HSU, CHE-WEI 2,962,848
HUR, NAM-HO 2,963,107
HUSSAIN, NAVEED 2,955,808
IBATULLIN, RAVIL RUSTAMOVICH 2,926,346
ILLINOIS TOOL WORKS INC. 2,959,922
INRS 2,961,444
INSTITUT NATIONAL D'OPTIQUE 2,963,128
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS) 2,926,363
IONELE, BOGDAN 2,961,888
IONITA, MIRCEA 2,959,085
IVERSON, DAVID S. 2,961,858
JACOBS, GREGORY F. 2,963,049
JARRETT, COLBY 2,962,837
JEFFERSON METAL PRODUCTS INC. 2,928,490
JENKINS, ROBERT L. 2,963,049
JHOU, SHU-YU 2,962,848
JIANG, HONGXIN 2,949,564
JOHNSON, AARON R. 2,962,972
JOHNSON, CHRISTOPHER M. 2,961,466
JOHNSTON, BRIAN KEITH 2,963,210
JONES, MATTHEW ALLEN 2,963,460
JONES, NICHOLAUS ADAM 2,963,460
JOVANOVIC, ALEXA ROMA 2,963,763
KALKERE, GIRIDHARA 2,963,130
KASCHAK, CHAD J. 2,963,101
KASSOUF, THOMAS L. 2,963,101
KEARNS, JUSTIN D. 2,955,808
KEARNS, WILLIAM 2,926,290
KELLEN, JEREMY 2,963,376
KHAJE, KOUROSH 2,962,794
KIESEWETTER, UWE 2,956,117
KIK INTERACTIVE INC. 2,962,765
KIN, HEUNG-MOOK 2,963,107
KIRKENG, KEVIN LEE 2,961,776
KIRWAN, TYLER P. 2,962,254
KITTOW, ADAM 2,925,833
KLUGE, THOMAS 2,963,001
KNIEVEL, DONNA CAROLYNN 2,925,985
KOSEK, STEPHEN 2,962,980
KOZLOWSKI, ERIC 2,963,503
KUHLMAN, DOUGLAS A. 2,963,387
KULKARNI, ALOK 2,963,105
KWON, SUN-HYOUNG 2,963,107
LAFLAMME, BENOIT 2,925,771
LAJEWARDI, FARHAD 2,960,619
LANE, CHRIS 2,949,564
LARCO, FLORETA 2,925,828
LARIVIERE, MARK 2,940,568
LECOINTRE, AUBIN MICHEL 2,961,384

Index of Canadian Applications Open to Public Inspection
October 1, 2017 to October 7, 2017

LEE, DAVID SCOTT 2,959,926
LEE, JAE-YOUNG 2,963,107
LEE, YIU LEUNG 2,962,974
LEERATANAPHANIT, SARAYUT 2,963,106
LEISURE CONCEPTS, INC. 2,962,987
LEVESQUE, MARC 2,963,128
LEVIN, MICHAEL 2,962,245
LI, RONGSHENG 2,955,808
LIM, BO-MI 2,963,107
LOCKHEED MARTIN CORPORATION 2,962,280
LOMBARDINI, NICOLA 2,961,843
LONGHENRY, MICHAEL 2,960,498
LOYD, STEPHEN C. 2,963,126
LUNDING, MARTA 2,959,797
LUTHER, TORBEN 2,961,827
LYKKEN, TOM 2,959,269
LYKKEN, TOM 2,959,933
MACDONALD, JEFFREY DEAN 2,926,002
MACNEIL IP LLC 2,961,858
MACNEIL IP LLC 2,963,121
MACNEIL, DAVID F. 2,961,858
MACNEIL, DAVID F. 2,963,121
MAGNA SEATING INC. 2,963,503
MALEY, DARREN MICHAEL 2,962,324
MANIAR, ALIHAIDER 2,959,932
MANIPON, MARK ERROL ABESAMIS 2,962,324
MANNING, WESLEY 2,962,836
MARRE, MICHAEL 2,961,827
MARTIN, STEFAN 2,961,827
MASANEK, FREDERICK W., JR. 2,961,858
MASANEK, FREDERICK W., JR. 2,963,121
MATUSCHEK, MANFRED ERNST 2,931,716
MAURYA, SANJIV 2,963,190
MAXLITE, INC. 2,963,562
MCCLURE, DONALD BRUCE 2,959,926
MCCLURE, REBECCA F. 2,962,254
MCDONALD, TIM 2,926,298
MEDWIN, STEVEN 2,963,104
MEGANATHAN, DEEPAK SUNDAR 2,963,363
MELANSON, DONALD 2,972,820
MERCIER, GABRIELLE 2,926,363
MERCIER, GABRIELLE 2,961,444
MERCIER, GUY 2,926,363
MERCIER, GUY 2,961,444
METAHNI, SABRINE 2,926,363
METAHNI, SABRINE 2,961,444
MINIATURE PRECISION COMPONENTS, INC. 2,960,498
MITCHELL, ELIZABETH 2,926,290
MKHANI, MARYAM 2,962,794
MOGIL, MELVIN 2,926,290
MONZAVIYAN, SAMEEM 2,963,511
MORELLI, GIOVANNI 2,972,178
MORES, SEBASTIAN 2,956,117
MOUND, ANDREW JONATHAN 2,926,364
MYERS, CHAD L. 2,962,994
NABTESCO CORPORATION 2,962,867
NAFZIGER, BRENDON C. 2,960,511
NAIL, BETSY GOOSMAN 2,961,466
NASH, ALEX C. 2,963,049
NATARAJAN, UMASHANKER 2,960,498
NAZARIAN, EHSAN 2,961,466
NELSON, JUSTIN L. 2,962,994
NEWTON, LAURA 2,962,765
NG, IAN 2,963,105
NIEN MADE ENTERPRISE CO., LTD 2,962,841
NIEN MADE ENTERPRISE CO., LTD 2,962,860
NIEN, KENG-HAO 2,962,841
NIEN, KENG-HAO 2,962,860
NISTLER, ADRIAN J. 2,962,972
NOEL, RAYMOND 2,963,781
NOLLMANN, BERND 2,963,106
NOTH, THOMAS 2,961,827
NUTTER, SEAN 2,962,836
OBTESHKA, NICHOLAS C. 2,945,729
OLANDER, MIKEL 2,962,293
OLANDER, MIKEL 2,962,387
ORTEGA, BRYAN 2,963,562
OSTER, YANN NICOLAS PIERRE 2,961,384
OSTRANDER, BRAD 2,949,564
OUELLET, BERTRAND 2,962,970
PADO, LAWRENCE E. 2,955,808
PAQUET, ALEX 2,963,128
PARADIS, PATRICK 2,963,128
PARE, J. R. JOCELYN 2,925,827
PARK, SUNG-IK 2,963,107
PEIRCE, MICHAEL 2,959,085
PELKEY, TONY 2,925,911
PELLETIER, MARTIN 2,925,771
PEREZ VILLAR, VICTOR 2,957,886
PICKARSKI, GERALD M. 2,962,972
PIERCE, PERRY, II 2,962,293
PIERCE, PERRY, II 2,962,387
PINGREE, JIMMIE E. 2,926,106
POEPKE, JEREMIAH J. 2,962,972
POLAR TANK TRAILER, LLC 2,962,972
PRASAD, SHANKAR 2,963,130
PREISINGER, MARKUS 2,961,827
PRENZEL, ALEXANDER 2,959,781
PRENZEL, ALEXANDER 2,959,797
PRICKEL, MARVIN A. 2,959,269
PRICKEL, MARVIN A. 2,959,932
PRICKEL, MARVIN A. 2,959,933
PRODDUTURI, SHIVAKUMAR 2,959,932
PRODDUTURI, SHIVAKUMAR 2,959,933
PROGRESS PROFILES S.P.A. 2,935,062
PROGRESSIVE PRODUCTS, INC. 2,926,106
PUTT, JAMES C. 2,954,458
QUINLAN, SEAN MICHAEL 2,963,190
QUON, EDWARD 2,925,815
QUON, EDWARD 2,938,500
RAJAB ZADEH MOGHADDAM, ELAHEH 2,926,440
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,962,994
REGNIER, JACQUES 2,963,128
RHODES, DAVID 2,963,404
RINAS, RYAN L. 2,926,437
RINKER, DYLAN G. 2,945,729
RIPD RESEARCH AND IP DEVELOPMENT LTD. 2,958,964
RITTLE, LOREN J. 2,963,387
ROBERGE, MARTIN J. 2,958,642
ROBERT BOSCH GMBH 2,962,971
ROBERT BOSCH TOOL CORPORATION 2,962,971
ROBERTS, HERBERT CHIDSEY 2,962,677
ROBERTS, MARK JULIAN 2,963,210
ROBERTS, MICHAEL 2,962,765
ROCHA, JUAN 2,963,181
ROGERS, BRANDON JEREMY 2,961,330
ROJAS, MIGUEL 2,926,127
ROMANI, FABIO 2,963,103
ROSENGREN, COLIN M. 2,938,500
ROSENGREN, COLIN MARK 2,925,815
ROZMAN, ROBERT 2,958,964
RUFF, ROBERT S. 2,938,500
RUFF, ROBERT SYDNEY 2,925,815
SADEGHI, JAVAD 2,926,440
SAFRAN LANDING SYSTEMS UK LIMITED 2,962,981
SAVANT TECHNOLOGIES, LLC 2,941,110
SCHADEGG, DANIEL 2,962,971
SCHAEFER, DEREK J. 2,962,972
SCHEMBRI, CHARLES J. 2,938,500
SCHEMBRI, CHARLES JOSEPH 2,925,815
SCHUBERT, THOMAS 2,959,781
SCHUBERT, THOMAS 2,959,797
SCIENTIFIC GAMES INTERNATIONAL, INC. 2,926,364
SCIENTIFIC GAMES INTERNATIONAL, INC. 2,961,940
SCIENTIFIC GAMES INTERNATIONAL, INC. 2,961,942
SCURTO, GREGORY M. 2,961,764
SCURTO, GREGORY M. 2,961,765
SEATON, ROBERT 2,963,181
SERCEL-GRC CORP. 2,962,885
SHAW, JON BURTON 2,962,560
SHIRLEY, MARK 2,963,394
SIGNODE INDUSTRIAL GROUP LLC 2,962,005
SIMPKINS, SCOTT 2,962,994
SMITH, PAUL R. 2,925,772
SMITH, THOMAS RALPH, JR. 2,962,560
SMITH, VALTON 2,963,204
SNAP-ON INCORPORATED 2,963,101
SOLIS, MARIO A. 2,961,484
SOLLAMI, PHILLIP 2,959,842
SOMANI, HANIFF 2,963,190
SONOCO DEVELOPMENT, INC. 2,961,506
SPARKS, ROBERT 2,962,883
SPHERE 3D INC. 2,972,178

Index des demandes canadiennes mises à la disponibilité du public
1 octobre 2017 au 7 octobre 2017

SPHERO, INC.	2,963,404
STAIRS, MARK	2,925,911
STEP ENERGY SERVICES LTD.	2,962,324
STEPHEN N. LOYD IRREVOCABLE FAMILY TRUST	2,963,126
STEPHENS, RICK	2,926,290
STICKLER, THOMAS ARTHUR	2,963,652
STICKLER, THOMAS ARTHUR	2,963,653
STOERMER, GREG	2,963,099
STORY, MICHAEL	2,962,980
STROUD, RICHARD V.	2,926,106
SULTANIAN, ANGELA MARIE	2,962,465
SYNCRUDE CANADA LTD.	2,925,981
SYNGENTA PARTICIPATIONS AG	2,959,926
TABOR, KRAIG A.	2,963,101
TAL OIL LTD.	2,926,346
TAYLOR, ROBERT JAMES	2,963,460
TESA SE	2,959,781
TESA SE	2,959,797
THALES	2,961,384
THE BOEING COMPANY	2,955,808
THE BOEING COMPANY	2,957,886
THE BOEING COMPANY	2,957,888
THE BOEING COMPANY	2,962,560
THE HILLMAN GROUP, INC.	2,960,619
THE RAYMOMD CORPORATION	2,963,099
THE RAYMOND CORPORATION	2,963,104
THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY	2,926,356
THE SOLLAMI COMPANY	2,959,842
THOMAS, TOM S.	2,925,991
THORNBERRY, ANTHONY	2,962,885
TIEMANN, BRIAN	2,963,193
TIRMANDAS, AKHILESH	2,963,537
TODOKORO, SHINJI	2,957,204
TOFUTURE LIMITED	2,925,833
TRAN, LAN HUONG	2,926,363
TRAN, LAN HUONG	2,961,444
TRAN, PAUL	2,961,484
TRAN, TOAI DAC	2,962,560
TREFFER, DOUGLAS R.	2,960,511
TREMBLAY, NICOLE	2,962,970
TSE, KYLE	2,962,837
UNDERYS, ALGIRDAS	2,963,394
UNKNOWN	2,972,820
VANDERPOOL, JOSH	2,963,104
VASGAARD, AARON	2,963,460
VENKATESH, BALAMURUGAN	2,962,307
VETER, PAUL EDWARD	2,963,261
VEZINA, SEBASTIEN	2,925,800
VEZINA, SEBASTIEN	2,925,822
VIAVI SOLUTIONS INC.	2,963,204
VOGT, SEBASTIAN	2,963,001
VON GUNTEN, MARC K.	2,963,204
WAL-MART STORES, INC.	2,961,466
WAL-MART STORES, INC.	2,961,938
WAL-MART STORES, INC.	2,963,460
WAL-MART STORES, INC.	2,963,537
WALCUTT, TIMOTHY RYAN	2,963,652
WALCUTT, TIMOTHY RYAN	2,963,653
WAREHAM, PAUL C.	2,962,836
WATSON, MICHAEL STEPHEN	2,959,085
WAUGH, MARK	2,925,911
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,962,465
WEIS, PETER M.	2,962,972
WEISS, JOSEPH	2,963,104
WESTMOR INDUSTRIES, LLC	2,963,376
WHEELER, LUCIE	2,926,434
WILLIAMS, ADAM	2,963,404
WILLSHIRE, GEOFF	2,963,105
WILSON, GORDON B.	2,938,500
WILSON, GORDON BLAIR	2,925,815
WIMMER, RICHARD J.	2,962,972
WITT, FLORIAN M.	2,943,097
WRUCK, ABE	2,963,376
WYTENBURG, RIES IGNATIUS	2,955,764
XIANG, JUN	2,963,562
YAMAGUCHI, ATSUHITO	2,962,867
YARED, GHASSAN	2,975,102
ZACH, DAVID ALLEN	2,959,269
ZACH, DAVID ALLEN	2,959,933
ZERO ZONE, INC.	2,962,883
ZHANG, CHI Z. C.	2,925,759
ZOU, PENG	2,963,204

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

1039578 B.C. LTD. 2,980,379
10X GENOMICS, INC. 2,975,958
3991814 CANADA INC. 2,980,365
3E NUTRITION LIMITED 2,980,509
3M INNOVATIVE PROPERTIES COMPANY 2,977,954
4SC AG 2,979,501
4SC AG 2,979,503
8801541 CANADA INC. 2,980,415
AABYE, CHRISTIAN 2,980,768
AALTO UNIVERSITY FOUNDATION 2,980,228
AARHUS UNIVERSITY 2,976,577
AARON, ANNE 2,976,246
ABE, DAUDI A. 2,974,122
ABE, TOSHIO 2,980,711
ABLYNX N.V. 2,975,810
ABRAHAM, BRUCE M. 2,980,793
ABRAHAM, SANTOSH PAUL 2,976,149
ABRAHAM, SANTOSH PAUL 2,976,151
ABRAM SALIBA, JOHAN 2,979,602
ABRAMS, MICHAEL B. 2,980,436
ABRAMS, MICHAEL B. 2,980,448
ABREU, MARCIO MARC 2,980,446
ABREU, MARCIO MARC 2,980,447
ABREU, MARCIO MARC 2,980,452
ABREU, MARCIO MARC 2,980,458
ABUGHAZALEH, SHADI ALEX 2,980,703
ACCELERON PHARMA INC. 2,980,757
ACCIONA AGUA, S.A. 2,976,163
ACHTEN, DIRK 2,980,669
ACOSTA, BRENDA A. 2,979,719
ACQUADRO, MARTIN 2,961,217
ACROWOOD CORPORATION 2,974,901
ACRYLIAN 2,976,732
ACTELION PHARMACEUTICALS LTD 2,980,100
ADAMS, CHRISTOPHER MICHAEL 2,977,908
ADAMS, DOUGLAS J. 2,980,325
ADAMS, NICHOLAS WILLIAM H. 2,975,890
ADAN MEDICAL INNOVATION, S.L. 2,980,103
ADAR, GAVRIEL 2,980,421
ADAR, YAIR OR 2,980,421
ADLER, STEVE 2,980,188
ADRENACARD, INC. 2,980,909
AEMERGE LLC 2,974,016
AERO ENGINEERING, S.L. 2,979,961
AEROVIRONMENT, INC. 2,980,303
AGAPIOU, KYRIACOS 2,974,105
AGRAWAL, TUSHAR 2,975,957
AGRINOS AS 2,976,866
AGRIVIDA, INC. 2,980,937
AGUILAR, LUIS 2,980,378
AGUILERA MAESTRO, LYDYA SABINA 2,973,088
AHLSTROM-MUNKSJO DETTINGEN GMBH 2,974,887
AHMADI KALATEH AHMAD, AKRAM 2,979,667
AHRENS, HARTMUT 2,979,766
AIT GHERBI, MALIKA 2,980,237
AKBULUT, MUSTAFA 2,980,023
AL-KHALIFA, MOHAMMED 2,979,275
ALCORN, JUSTIN DOW 2,980,017
ALEN, MATTI 2,980,399
ALESCHKO, MARKUS 2,976,514
ALEX E. PARIS CONTRACTING CO., INC. 2,980,928
ALGIPHARMA AS 2,980,104
ALI, ROBIN 2,975,850
ALIZADEH, ALI 2,943,311
ALLAN, BARRETT 2,976,913
ALLEN, GARY ROBERT 2,979,409
ALLEN, GARY, ROBERT 2,978,463
ALLISON, SIMON DOUGLAS EARDLY 2,979,514
ALONSO FERNANDEZ, JAVIER 2,979,596
ALPHENAAR, DEIRDRE 2,975,619
ALSHARIFI, MOHAMMED 2,980,616
ALTAIR INSTRUMENTS, INC. 2,979,719
ALTHOFF, GARY D. 2,980,272
ALTING, AART CORNELIS 2,975,672
ALTMAN, HERNAN 2,975,211
ALTON, JAMES R. 2,980,293
ALTWASSER, STEFAN 2,980,254
AMAN, ZACHARY MARK 2,975,715
AMAZON TECHNOLOGIES, INC. 2,975,522
AMAZON TECHNOLOGIES, INC. 2,980,171
AMBE ENGINEERING PTY LTD 2,980,955
AMERY, DREW POWELL 2,974,508
AMISERRU, S.L. 2,980,661
AMITAL, YAAKOV 2,976,604
AMO DEVELOPMENT, LLC 2,976,519
AMSTED RAIL COMPANY, INC. 2,980,459
ANCHORDOQUY, THOMAS J. 2,980,940
ANDERSEN, COLTON 2,974,742
ANDERSSON, HAKAN 2,974,515
ANDOLINA, SALVATORE 2,980,228
ANDRADE, MARCUS 2,980,818
ANDRES GIL, JOSE IGNACIO 2,960,972
ANDRES, PHILIPPE 2,980,667
ANGELINI, SERGIO 2,980,137
ANGERMULLER, MELANIE 2,980,126
ANSOLA IRURETA, JULEN 2,980,634
ANTILLA, MARK A. 2,975,621
APPLIED BIOMIMETIC A/S 2,980,641
APPLIED PHYSICAL SCIENCES CORP. 2,980,793
ARAS, URVI 2,960,819
ARBRA HISSYSTEM AB 2,980,073
ARCHETTI, MAURIZIO 2,980,663
ARCONIC INC. 2,980,323
AREVA NP SAS 2,974,858
AREVALO, ALEJANDRO 2,978,029
AREVALO, ALEJANDRO 2,980,505
ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY 2,975,167
ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 2,980,333
ARKEMA FRANCE 2,971,285
ARKEMA FRANCE 2,974,765
ARKEMA FRANCE 2,974,766
ARKEMA FRANCE 2,978,022
ARKEMA INC. 2,980,436
ARKEMA INC. 2,980,448
ARMENGOL ESTEBAN, JORDI 2,976,302
ARMENTA, ROBERTO E. 2,980,679
ARNALDOS ORTS, MARINA 2,976,163
ARNEY, GRACE 2,976,380
ARNOTT, ROBERT 2,975,239
ARONEN, ILMO PELLERVO 2,980,922
ARRIS ENTERPRISES LLC 2,974,904
ARRIS ENTERPRISES LLC 2,974,968
ARRIS ENTERPRISES LLC 2,975,050
ARRIS ENTERPRISES LLC 2,975,300
ARRIS SOLUTIONS, INC. 2,975,265
ARRIZZA, JOHN 2,976,646
ARTACK MEDICAL (2013) LTD. 2,980,685
ASABA, AKIHIRO 2,980,419
ASHWORTH, CHRISTOPHER KEN 2,976,401
ASKEM, BEN ALAN 2,980,511
ASSI, MILANJOT SINGH 2,980,521
ASSI, MILANJOT SINGH 2,980,539
ASSI, MILANJOT SINGH 2,980,849
ASSISTANCE PARIS DIDEROT - PARIS 7 2,975,875
ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS 2,979,812
ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS 2,975,875

Index des demandes PCT entrant en phase nationale

ASSOCIATION DE GESTION INSTITUT POLYTECHNIQUE LASALLE BEAUVAIS 2,980,091
ASSOCIATION INSTITUT DE MYOLOGIE 2,975,750
ASTRAZENECA AB 2,961,148
AT&T INTELLECTUAL PROPERTY I, L.P. 2,977,034
ATLAS DIVERTISSEMENT INC. 2,980,612
ATOMIC ENERGY OF CANADA LIMITED/ENERGIE ATOMIQUE DU CANADA LIMITEE 2,980,621
AUCLAIR, CHRISTIAN 2,979,938
AUGUSTIN, EWA ANNA 2,980,084
AUNE, THOMAS MARTIN 2,976,014
AUS DER FUNTEN, SANDRA 2,980,370
AUSSENAC, THIERRY 2,980,091
AUTOMAP, LLC 2,980,310
AUTOMATED PACKAGING SYSTEMS, INC. 2,980,734
AVELIN, LINNEA 2,980,073
AVELIN, OLOF 2,980,073
AVILA, MIGUEL 2,980,457
AVK HOLDING A/S 2,979,577
AVOCET INFINITE PLC 2,979,588
AVRAM, PETER 2,980,305
AWAD, YASSIN ADEN 2,975,239
AXELA INC. 2,980,624
AXOLABS GMBH 2,976,427
BABB, RACHELLE 2,980,616
BACKES, DIANA 2,979,954
BADAWI, DAVID Y. 2,980,713
BADAWI, PAUL 2,980,713
BAE, JAE-HYEON 2,975,981
BAGHEL, SUDHIR KUMAR 2,976,700
BAGWELL, RALPH 2,979,922
BAI, XIAOLIN 2,980,225
BAI, XIAOLIN 2,980,229
BAI, XIAOLIN 2,980,231
BAIRD, ADAM 2,977,130
BAKER HUGHES, A GE COMPANY, LLC 2,980,309
BAKHAREV, ALEKSEY 2,980,434
BAKKER, TALITHA 2,979,602
BALINT, PETER 2,980,244
BALOGH, AKOS 2,980,762
BAMDAD, CYNTHIA 2,976,089
BANIK, PETER 2,980,409
BARBION, JULIEN 2,980,085
BARBION, JULIEN 2,980,395
BARDEN, JULIAN ALEXANDER 2,980,788
BARDY DIAGNOSTICS, INC. 2,978,636
BARDY, GUST H. 2,978,636
BARNES, THOMAS HEINRICH 2,980,521
BARNES, THOMAS HEINRICH 2,980,849
BARNICKEL, DONALD J. 2,977,034
BARONI, SERGIO 2,980,246
BARRACLOUGH, MICHAEL 2,980,849
BARRACLOUGH, MICHAEL ROBERT 2,980,539
BARRISH, MARK D 2,980,745
BARTH, STEFAN 2,980,642
BARTHA, ROBERT 2,980,376
BARTHELEMY, CHRISTIAN 2,980,248
BARTOLOME CONDE, RUBEN ALVARO 2,980,495
BARZEGAR, FARHAD 2,977,034
BASF AGROCHEMICAL PRODUCTS B.V. 2,978,029
BASF AGROCHEMICAL PRODUCTS B.V. 2,980,505
BASF CORPORATION 2,972,828
BASF CORPORATION 2,973,955
BASF SE 2,975,783
BASF SE 2,975,785
BASF SE 2,980,238
BASF SE 2,980,254
BASSET-SEGUIN, NICOLE 2,975,875
BAUDUIN, LIONEL 2,979,952
BAUER, STEPHAN 2,979,954
BAUSCH & LOMB INCORPORATED 2,980,790
BAYER CROPSCIENCE AKTIENGELSELLSCHAFT 2,979,766
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,979,922
BAYER PHARMA AKTIENGESELLSCHAFT 2,979,926
BAYER PHARMA AKTIENGESELLSCHAFT 2,979,937
BAYER PHARMA AKTIENGESELLSCHAFT 2,980,071
BAYER PHARMA AKTIENGESELLSCHAFT 2,980,390
BAYER PHARMA AKTIENGESELLSCHAFT 2,980,493
BAYER PHARMA AKTIENGESELLSCHAFT 2,980,507
BAYER PHARMA AKTIENGESELLSCHAFT 2,980,646
BAYLOR RESEARCH INSTITUTE 2,979,992
BAYSANOV, SAYLAUBAY OMAROVICH 2,980,499
BD KIESTRA B.V. 2,980,408
BEAUDIN, JASON 2,980,632
BEAULIEU INTERNATIONAL GROUP NV 2,973,429
BECERRIL RUIZ, JOSE LUIS 2,979,961
BECK, GUILLAUME 2,980,430
BECK, HARTMUT 2,979,926
BECKER-WEIMANN, KLAUS 2,980,263
BECKHOVE, PHILIP 2,980,390
BEDARD, DANIEL 2,980,365
BEEKWILDER, MARTINUS JULIUS 2,979,957
BEHRENS, SCOTT 2,974,016
BELL, AUDREY 2,976,918
BELL, JEFFREY G. 2,974,834
BELLEY, CHRISTIAN 2,980,365
BELLEY, ROBIN 2,980,365
BEN-LAVI, ELIEZER AZI 2,980,777
BENEDUSI, ANNA 2,980,246
BENEMILK OY 2,980,922
BENEMILK OY 2,980,961
BENEMILK OY 2,980,963
BENNETT, ROBERT 2,977,034
BENNOIT, YANN 2,980,630
BENSE, WILLIAM 2,975,208
BERCLAZ, JEROME 2,974,550
BERGGREN, FREDRIK 2,980,405
BERGMAN, JOHAN 2,974,785
BERGQVIST, JENS 2,975,083
BERGSTROM, ANDREAS 2,974,515
BERKMAN, EVAN F. 2,980,793
BERLIN, MARK REINHARD 2,980,235
BERNARD, HELENE 2,980,729
BERNARD, JULIE 2,980,729
BERNERT, JORG 2,979,584
BERNTSEN, MARTIJN XANDER 2,980,408
BERRYMAN, KEVIN 2,980,679
BERTRAND, WILLIAM JEFFREY 2,974,508
BESTEWIL HOLDING B.V. 2,960,948
BEURDELEY, PATRICIA 2,971,285
BEVERNAGE, LEO MARIE RICHARD 2,973,429
BHARATE, SANDIP 2,961,166
BHARATE, SONALI 2,961,166
BHATNAGAR, SAMVED 2,980,552
BICKEL, JEFFREY 2,979,987
BIERIE, WILLIAM K. 2,974,834
BILLIANI, JANINE 2,979,581
BILLOTTE CABRE, CATHERINE 2,972,170
BINDER, EVA MARIA 2,976,514
BINZ, HANS KASPAR 2,979,602
BIOIMMUNIZER SAGL 2,977,901
BIOMMUNE TECHNOLOGIES INC. 2,975,899
BIONOOX SUISSE SA 2,979,938
BIONTECH AG 2,979,768
BIOPHARMX, INC. 2,980,527
BIOSCEPTRE (UK) LIMITED 2,980,788
BIT, RINO ANTONIO 2,979,504
BIZET, STEPHANE 2,978,022
BIZZINI, BERNARD 2,977,901
BLACK GOLD COIN, INC. 2,980,818
BLACK, NICOLE 2,980,504
BLAKBORN, WILLEM 2,975,425
BLANCHETTE, GIL 2,980,363
BLASBERG, HERBERT 2,980,503
BLAZAKIS, DIONYSUS 2,980,538
BLENKINSOPP, ROBERT CHARLES 2,976,312
BLISSARD, GARY 2,980,535
BLOMQVIST, MAX 2,980,645
BLONDIN, SEAN MICHAEL 2,980,155
BLOOMFIELD, NIC G. 2,975,963
BOEHM, ROBERT THOMAS 2,976,154
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,979,950
BOER, VIKTOR MARIUS 2,979,931
BOER, VIKTOR MARIUS 2,979,957
BOGLE, DAVID W. 2,980,175

Index of PCT Applications Entering the National Phase

BOIT, BAPTISTE 2,976,734
BOITEUX, JEAN-MICHEL 2,975,208
BOJAKOWSKI, KRZYSZTOF 2,976,326
BOKOWSKI, CHAD 2,980,501
BOLES, ECKARD 2,980,391
BOMMAGANI, RAGHURAM 2,980,801
BONE SUPPORT AB 2,980,486
BOONE, ALAIN 2,971,285
BOOR, RICK 2,980,621
BORGGARD, CLAUS 2,980,483
BORNSCHEUER, UWE 2,980,407
BORODIC, GARY E. 2,961,217
BOROWA-MAZGAJ, BARBARA 2,980,084
BOSCH, HENDRIK JAN 2,979,957
BOSS, ISAAC 2,980,393
BOSTICK, ANTHONY 2,980,867
BOSTON SCIENTIFIC SCIMED, INC. 2,979,247
BOUDET, HELENE 2,979,929
BOUDREAU, GARY 2,974,785
BOURANG, HENRY 2,980,745
BOUTTON, CARLO 2,975,810
BOUVET, SYLVIE 2,980,248
BOUVIER, LUDIVINE 2,974,765
BOUVIER, LUDIVINE 2,974,766
BOWMAN, STEPHEN J. 2,979,877
BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC. 2,980,535
BRACK-WERNER, RUTH 2,979,826
BRADLEY, ALAN L. 2,980,740
BRADLEY, JOHN MARTIN 2,980,605
BRANDMAIR, ANTON 2,979,764
BRANDSTATTER-SCHERR, KERSTIN 2,979,954
BRANSON, RICHARD 2,980,306
BRASSAT, LUTZ 2,977,869
BRAUN, RALF 2,979,766
BRENNAN, JOSEPH M. 2,980,436
BRENNAN, JOSEPH M. 2,980,448
BRENNER, ALBRECHT 2,980,644
BRENNER, HERMANN 2,980,101
BREWSTER, DOUGLAS E. 2,979,987
BRIAS, JULIE 2,980,085
BRIAS, JULIE 2,980,109
BRIAS, JULIE 2,980,395
BRIDGESTONE CORPORATION 2,980,850
BRILLIANT, JO ANNE 2,980,568
BRILLIANT, MARGO 2,980,568
BRISTOL-MYERS SQUIBB COMPANY 2,960,819
BROCHERET, SYLVAIN 2,976,358
BROCHERET, SYLVAIN 2,976,362
BROEN, MARTIN EDUARDO 2,980,465
BROOKER, MARC JOHN 2,980,171
BROTHERS, LANCE E. 2,974,105
BROWD, SAMUEL R. 2,980,917
BROWN, ARTHUR 2,980,376
BROWN, COREY JOHN MURRAY 2,980,442
BROWN, JOHN ALEXANDER 2,979,504
BROWN, KENNETH R. 2,973,955
BROWN, TREG 2,980,742
BRUDER, JESSICA 2,980,390
BRUDERER, BEAT 2,979,764
BRUNO, MICHAEL HAL 2,980,550
BRYSON, ALAN CAMPBELL 2,980,276
BUCHANAN, GRAEME 2,980,230
BUCHHORN, GAELLE LETTIER 2,976,296
BUGAJSKI, MAREK 2,974,968
BUGAJSKI, MAREK 2,975,050
BUMGARDNER, THOMAS 2,980,318
BUNKER, BRANDON 2,975,703
BUR, DANIEL 2,980,100
BURAKOV, DARYA 2,976,669
BURGER, MATTHEW T. 2,960,971
BURGESS, AIDAN ROBERT 2,980,521
BURKE, PAUL 2,980,188
BURKE, PAUL 2,980,363
BURNS, THOMAS W. 2,980,289
BURT, KEVIN T. 2,980,555
BURWINKEL, BARBARA 2,975,952
BUS, KARIN 2,979,960
C.R. BARD, INC. 2,980,570
CADIX, ARNAUD 2,980,508
CADIX, ARNAUD 2,980,510
CADIX, ARNAUD 2,980,513
CADUDAL, JEAN-CLAUDE 2,974,053
CAE INC. 2,980,369
CAE INC. 2,980,373
CAE INC. 2,980,384
CAERS, LODEWIJK IVO 2,961,208
CAHALANE, STEVEN 2,979,817
CAHILL, KEVIN 2,980,341
CALCATERRA, CHRIS 2,980,289
CALVEZ, VINCENT 2,979,812
CANCURE LIMITED 2,980,622
CANDELA GARCIA, JOSE IGNACIO 2,974,885
CANN KEVIN J. 2,959,605
CAO, GUOHUA 2,980,636
CAPEL, ANTOINE 2,974,053
CARAVANO, AUDREY 2,980,085
CARAVANO, AUDREY 2,980,109
CARAVANO, AUDREY 2,980,395
CARBONSCAPE LIMITED 2,976,199
CARCELLER, ROSA 2,971,528
CARDIFF GROUP, NAAMLOZE VENNOOTSCHAP 2,974,562
CARGILL, INCORPORATED 2,980,561
CARL, ANDRE 2,980,126
CARLISLE FLUID TECHNOLOGIES, INC. 2,974,834
CARMAT 2,974,053
CARR, JOHN 2,976,357
CARR, KIMM L. 2,980,464
CARRANZA VITORES, ARTURO 2,976,136
CARSWELL, SAMUEL A. 2,976,911
CARTER, DANIEL PATRICK 2,978,705
CARTER, PAUL 2,980,189
CARTER, THOMAS ANDREW 2,976,312
CARTER, THOMAS ANDREW 2,976,319
CASAL ALVAREZ, JOSE IGNACIO 2,980,495
CASALE SA 2,980,070
CASCADE CORPORATION 2,975,683
CASCIA, MARK A. 2,980,364
CASTANE BASAGANA, SEBASTIAN 2,980,387
CASTEELS, PETER 2,975,810
CASTELLS BOLIART, JOSEP 2,979,596
CASTONGUAY, KEVIN NORMAND 2,980,304
CATALAN LAGO, PEDRO 2,974,885
CATERPILLAR INC. 2,974,640
CATERPILLAR INC. 2,974,662
CAUTAIN, BASTIEN 2,980,267
CENOVUS ENERGY INC. 2,980,197
CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION (CIMTEC) 2,980,777
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,979,592
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,979,812
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,975,750
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,980,400
CHANDRAKASAN, SHANMUGANATHAN 2,980,748
CHANDRASHEKHAR, GANESAN 2,974,535
CHANG, VICKEY 2,980,174
CHANTALAT, LAURENT 2,980,667
CHAPMAN, TIMOTHY L. 2,980,363
CHARLES, DONALD E. 2,980,547
CHARLESWORTH, MARK 2,975,715
CHARLEUX, FRANCOIS 2,976,281
CHASSET, SOPHIE 2,980,085
CHASSET, SOPHIE 2,980,109
CHASSET, SOPHIE 2,980,395
CHAUVEAU, JEROME 2,978,022
CHAWLA, AMRISH 2,976,380
CHEEMA, ASIM 2,980,620
CHEN, AUSTEN YANNIS 2,980,616
CHEN, FANGLU 2,980,222
CHEN, GANG 2,960,791
CHEN, GANG 2,976,669
CHEN, GUOHUA 2,959,506
CHEN, GUOXIN 2,980,871
CHEN, HONGDA 2,980,101
CHEN, JIANGUO 2,980,951
CHEN, JIANLE 2,976,818
CHEN, JIANLE 2,976,820
CHEN, JIANLE 2,976,827
CHEN, JIANLE 2,976,828
CHEN, JINYU 2,980,300
CHEN, MICHAEL C. 2,975,789
CHEN, MINHUA 2,980,224
CHEN, MINHUA 2,980,418
CHEN, WANSHI 2,975,408
CHEN, WEITAO 2,980,278

CHEN, XI 2,974,904
CHEN, XI 2,975,300
CHEN, XIN 2,980,527
CHEN, XIONGFEI 2,980,233
CHEN, YILONG 2,980,223
CHEN, YING 2,976,818
CHEN, YING 2,976,827
CHEN, YING 2,976,828
CHEN, YUHUA 2,975,239
CHEN, YUMIN 2,980,561
CHENG, HONG 2,976,700
CHENG, NI 2,977,882
CHENG, WAN-YIN 2,962,383
CHERIAN, GEORGE 2,976,149
CHERIAN, GEORGE 2,976,151
CHEUNG, DEXTER CHI LUN 2,980,521
CHEUNG, DEXTER CHI LUN 2,980,539
CHEVREUIL, FRANCIS 2,980,085
CHEVREUIL, FRANCIS 2,980,109
CHEVREUIL, FRANCIS 2,980,395
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,974,706
CHEVRON U.S.A. INC. 2,975,715
CHIEN, DAVID Y. 2,980,718
CHILDREN'S HOSPITAL MEDICAL CENTER 2,980,748
CHINA MANUFACTURING AND BROKERAGE, INC. 2,980,293
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,980,636
CHOI, KYUNG BOK 2,975,899
CHONDRONEST SA 2,960,832
CHONGQING PHARMACEUTICAL RESEARCH INSTITUTE CO., LTD. 2,980,222
CHOUDHARY, SRIJAN 2,975,957
CHR. HANSEN A/S 2,976,292
CHR. HANSEN A/S 2,976,296
CHR. HANSEN A/S 2,976,358
CHR. HANSEN A/S 2,976,362
CHROVIAN, CHRISTA C. 2,960,972
CHU, KAPAN 2,980,783
CHU, YUET MENG 2,974,122
CHUA, HUI TONG 2,980,471
CHUAH, MARINEE 2,979,495
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,980,695
CHUN, CHANGMIN 2,971,073
CHUN-WON, JUNG 2,980,652
CIFUENTES, ANDRES 2,975,945
CINOTTI, LUCIANO 2,980,249
CIPOLLONE, JOSEPH 2,980,306
CITY ELECTRIC SUPPLY CO. 2,980,286
CLARIANT INTERNATIONAL LTD 2,980,028
CLARIFY MEDICAL, INC. 2,980,541
CLARK, BRYAN 2,979,247
CLARK, JAMES COLIN 2,976,401
CLARK, ROBERT L. 2,980,740
CLEMENCE, FLORENT 2,980,216
CMOCH, PIOTR 2,976,326
COATE, HEATHER R. 2,960,791
COBBOLD, RICHARD SOUTHWELL CHEVALLIER 2,980,378
COCHRAN, THOMAS W. 2,979,502
COCKERILL MAINTENANCE & INGENIERIE S.A. 2,979,814
COGGESHALL, RYAN 2,974,047
COHEN, NATHANIEL 2,980,742
COIT, DORIS GUENZI 2,980,718
COLGROVE, JAMES R. 2,980,274
COLLINGS, BRUCE ANDREW 2,976,168
COLLINS, EDWARD 2,980,289
COLLINS, JANINE 2,980,842
COLLINS, WILLIAM R. 2,980,931
COLUMBIA TRAILER CO., INC. 2,980,733
COLUMBUS MCKINNON INDUSTRIAL PRODUCTS GMBH 2,980,427
COMERFORD, FRANK 2,980,432
COMERFORD, MYLES 2,980,432
COMMANDER, LAWRENCE GEORGE 2,980,234
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,980,664
COMPAGNIE ENGRENAGES ET REDUCTEURS - MESSIAN - DURAND 2,979,910
COMPAGNIE ENGRENAGES ET REDUCTEURS - MESSIAN - DURAND 2,979,917
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,960,933
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,960,935
CONMED CORPORATION 2,980,485
CONNER, GREGORY THOMAS 2,976,199
CONNOLLY, NICHOLAS SIMON DAVID 2,980,520
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC) 2,973,088
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS 2,980,495
COOK, PATRICK LEE 2,976,401
COOL, PETER JAN 2,980,262
COOPER TECHNOLOGIES COMPANY 2,980,079
COOPER TECHNOLOGIES COMPANY 2,980,155
COOPER TIRE & RUBBER COMPANY 2,980,736
CORACOID SOLUTIONS, LLC 2,980,742
CORIUM INTERNATIONAL, INC. 2,959,506
CORN, JACOB 2,980,189
CORNEJO, ANDREW 2,980,471
CORNELL UNIVERSITY 2,980,393
CORNING OPTICAL COMMUNICATIONS LLC 2,973,660
CORREA, STEVE 2,980,363
COSTE, CHRISTIAN 2,980,091
COTE, PIERRE LUCIEN 2,975,890
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH 2,961,166
COUPE, DOMINIQUE 2,976,281
COVALT, JOHNNY 2,980,935
COVERIS FLEXIBLES FRANCE 2,975,207
COVESTRO DEUTSCHLAND AG 2,977,869
COVESTRO DEUTSCHLAND AG 2,977,909
COVESTRO DEUTSCHLAND AG 2,980,669
COWLES, CHRISTOPHER JOHN 2,979,595
COWLES, CHRISTOPHER JOHN 2,979,603
COY PLAZAS, ALEJANDRO 2,980,626
CRADDOCK, CIAN 2,980,241
CRADDOCK, CIAN 2,980,271
CREDENCE MEDSYSTEMS INC. 2,980,443
CRESPI, MARIO 2,979,770
CRESPO SUEIRO, GLORIA 2,980,267
CRISP, IRA JAMES 2,980,733
CRISWELL, ROBERT G. 2,979,987
CROXFORD, KEITH 2,977,130
CRYSTAL PHARMATECH CO., LTD. 2,980,224
CRYSTAL PHARMATECH CO., LTD. 2,980,418
CSERGEI, STEVEN ANDREW 2,980,733
CTRE HOSPITALIER UNIVERSITAIRE DE LILLE 2,980,232
CUBIC CORPORATION 2,979,882
CUGNETTI, CHRISTIAN 2,979,882
CUI, QI 2,980,382
CULL, ROBERT JONATHAN 2,980,451
CUPA INNOVACION S.L.U. 2,979,613
CURIS, INC. 2,975,875
CURRAN, ADRIAN 2,980,103
CUSTOMIZED ENERGY SOLUTIONS, LTD. 2,979,983
CYTEC INDUSTRIES INC. 2,976,357
D&B BUSINESS INFORMATION SOLUTIONS 2,980,241
D&B BUSINESS INFORMATION SOLUTIONS 2,980,271
D'AMBROSIO, RAIMONDO 2,980,917
DABRE, ROMAIN 2,979,486
DADKHAH, MAHYAR 2,979,882
DAESCHNER, KLAUS 2,980,505
DAI, LUE 2,979,490
DAI, MINGZENG 2,980,233
DAIKIN INDUSTRIES, LTD. 2,980,525
DAIKIN INDUSTRIES, LTD. 2,980,691

DALEY, MARK 2,980,376
DALY, PETER RANDALL 2,980,465
DANDL, CHRISTIAN 2,980,654
DANESCHDAR, MATIN 2,979,768
DANIEL MEASUREMENT AND CONTROL, INC. 2,980,072
DANILKOVITCH, ALLA 2,980,316
DATAWARE VENTURES, LLC 2,980,333
DAUDET, LARRY RANDALL 2,905,831
DAVID, SHANNON CHRISTA 2,980,616
DAVIDSON, PHIL 2,980,742
DAVIES, EVAN 2,980,457
DAVILA, MICHAEL J. 2,980,124
DAVIS, AARON 2,975,703
DAVIS, BENJAMIN M. 2,974,115
DE HAAN, ANDRE BANIER 2,979,587
DE HAAN, ANDRE BANIER 2,979,589
DE KRETSER, DAVID MORRITZ 2,980,611
DE LA RUE INTERNATIONAL LIMITED 2,980,234
DE LAMOTTE, STEPHANE 2,976,358
DE PEDRO MONTEJO, NURIA 2,980,267
DE ROMEUF, CHRISTOPHE 2,977,010
DE SAUVAGE, FREDERIC J. 2,975,875
DE SOUSA FELIX, TELMO INACIO 2,980,241
DE SOUSA FELIX, TELMO INACIO 2,980,271
DE VILLIERS, WALDO EUGENE 2,979,960
DEACON, PAUL 2,980,236
DEBBIE, PAUL 2,980,535
DEBRAY, SAUMYA K. 2,980,333
DECK, FRANK 2,980,105
DEEBA, MICHEL 2,972,828
DEEGAN, PAUL TIMOTHY 2,980,546
DEES, ROGER RYAN 2,979,418
DEFENSE PRODUCTS AND SERVICES GROUP HOLDING COMPANY 2,980,572
DEFENSE PRODUCTS AND SERVICES GROUP HOLDING COMPANY 2,980,574
DEKABAN, GREG A. 2,980,376
DELAMARRE, LELIA 2,960,834
DELAURE, BAVO 2,980,092
DELBECK, MARTINA 2,980,646
DELPHIAN BALLISTICS LIMITED 2,979,514
DELVAL, ALAIN 2,979,631
DEMMER, OLIVER 2,979,950
DENGKE, CAI 2,980,322
DENSO-HOLDING GMBH & CO. 2,980,657
DENTSPLY DETREY GMBH 2,980,388
DENTSPLY SIRONA INC. 2,979,631
DEPOISIER, JEAN FRANCOIS 2,979,486
DEPPE-REIBOLD, OLAF 2,980,497
DERRICK CORPORATION 2,980,274
DERYABINA, MARIA ALEXANDROVNA 2,979,950
DESAI, DARSHAK R. 2,980,300
DESAI, RAVISHANKAR VISHVASRAO 2,980,411
DESCAMPS, FRANCIS 2,975,810
DESJOYAUX, JEAN-LOUIS 2,977,084
DESNOYERS, NICHOLA 2,980,785
DESPOTOPOULOU, MARINA 2,980,436
DESPOTOPOULOU, MARINA 2,980,448
DESSEN, ARNE 2,980,104
DEUTSCHE TELEKOM AG 2,980,531
DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS 2,980,101
DEUTSCHES ZENTRUM FUR NEURODEGENERATIVE ERKRANKUNGEN E. V. 2,979,583
DEVARAJAN, KANNAN 2,980,533
DEVINE, KERRI 2,975,986
DEVITT, ANDREW 2,979,553
DEVRIES, DOUGLAS F. 2,980,306
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,975,963
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,976,165
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,976,168
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,976,763
DHAENE, JELLE 2,979,932
DI CARLO, FRANCESCA 2,976,438
DI DECO, LUCA 2,979,227
DIAZ ROZO, JAVIER 2,979,927
DIAZ, STEPHEN H. 2,980,443
DIDSBURY, ANDREW 2,976,431
DIDSBURY, JOHN ROBERT 2,980,296
DIEBOLD, ERIC R. 2,979,886
DIETERICH STANDARD, INC. 2,980,546
DIETRICH, HANSJORG 2,979,766
DIGITAL BARRIERS SERVICES LTD 2,976,431
DIJKGRAAF, GERRIT J.P. 2,975,875
DILLON, MICHAEL 2,980,189
DIMMELER, STEFANIE 2,980,385
DITTMER, FRANK 2,980,390
DO, THAI 2,980,323
DOERFLER, NADINE 2,976,427
DOHERTY, TIMOTHY 2,980,376
DOI, HIROYUKI 2,980,695
DOI, YASUO 2,980,440
DOLADO, IGNACIO 2,979,602
DOMAZETOVIC, ANDREJ 2,976,523
DOMINGUEZ COBREROS, JESUS 2,979,927
DOMINICI, ALDO DANIELE 2,980,514
DONALDSON, SUSAN F. 2,968,549
DONDERICI, BURKAY 2,979,667
DONDERICI, BURKAY 2,980,450
DONG, WENLONG 2,980,278
DONGGUAN YUANFENG TECHNOLOGY CO., LTD. 2,980,479
DONGSIK, PARK 2,980,652
DOOHYUNG, LEE 2,980,652
DOOLEY, JOSEPH 2,976,914
DORIGHI, MARK 2,980,742
DORNER, DIRK 2,980,126
DOTSEY, MICHAEL 2,975,111
DOVETAIL GENOMICS LLC 2,976,902
DOW GLOBAL TECHNOLOGIES LLC 2,974,946
DOW GLOBAL TECHNOLOGIES LLC 2,976,914
DOW GLOBAL TECHNOLOGIES LLC 2,980,631
DOWNEY, JONATHAN MARK 2,980,842
DOWNHOLE TECHNOLOGY, LLC 2,980,457
DOWNS, ROLAND JOSEPH 2,977,908
DRACE INFRAESTRUCTURAS, S.A. 2,980,959
DRAGADOS, S.A. 2,980,959
DRAPER, MICHAEL P. 2,980,727
DREAMWELL, LTD. 2,974,528
DRECO ENERGY SERVICES ULC 2,980,195
DREISBACH, EZRA M. 2,978,636
DRILLTECH SERVICES (ASIA) PTE LTD 2,980,871
DROSTE, STEFAN 2,979,601
DROSTE, STEFAN 2,979,604
DROZ, NICOLAS 2,972,170
DROZ, PIERRE-YVES 2,980,305
DRUON, CYRIL 2,980,091
DSM IP ASSETS B.V. 2,977,908
DSM IP ASSETS B.V. 2,979,931
DSM IP ASSETS B.V. 2,979,957
DSM IP ASSETS B.V. 2,980,090
DSM IP ASSETS B.V. 2,980,261
DSM IP ASSETS B.V. 2,980,649
DU, LILI 2,980,951
DUBAI ALUMINIUM PJSC 2,980,832
DUBOIS, MICHEL 2,979,814
DUCROS, CLEMENT 2,974,053
DUFLOT, PIERRICK 2,976,734
DUKE, DAVID L. 2,979,886
DUMONCEAUX, JULIE 2,975,750
DUPIN, NICOLAS 2,979,812
DUPONT, AUDREY 2,975,208
DUPONT, DORIAN 2,980,089
DURACU, ADRIAN 2,979,929
DURAN, CHRISTIAN SHANE 2,973,660
DURAN, ULISES 2,975,954
DVORAK, CURT A. 2,960,791
DYAKONOV, TATYANA 2,980,165
DYKSTRA, JASON D. 2,980,277
E I DU PONT DE NEMOURS AND COMPANY 2,975,280
E I DU PONT DE NEMOURS AND COMPANY 2,976,387
E. I. DU PONT DE NEMOURS AND COMPANY 2,973,767
E.K.SALT LTD. 2,980,830

E.T.I.A. - EVALUATION TECHNOLOGIQUE, INGENIERIE ET APPLICATIONS 2,980,091
E.T.I.A. - EVALUATION TECHNOLOGIQUE, INGENIERIE ET APPLICATIONS 2,980,410
EAJV TECHNOLOGY INC. 2,943,311
EASTMAN, CLIFFORD L. 2,980,917
EATON CORPORATION 2,980,951
EBERHARDT, ALEXANDRA 2,980,388
EBERT, TYLER 2,980,909
ECKELT, JOHN 2,980,488
ECOLAB USA INC. 2,980,027
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,980,653
ECOSPRAY TECHNOLOGIES S.R.L. 2,980,663
ECP ENTWICKLUNGSGESELLSCHAFT MBH 2,980,518
EDLER, MATTHIAS 2,979,581
EDWARDS LIFESCIENCES CORPORATION 2,975,211
EDWARDS, TAYLOR JAMER 2,980,521
EIDHAGEN, JOSEFIN 2,979,511
EILERS, DANIEL J. 2,980,770
EILERTSON, RON 2,980,363
EKMARKER, ANNA 2,979,505
ELC MANAGEMENT LLC 2,980,282
ELECTROLUX APPLIANCES AKTIEBOLAG 2,979,989
ELI LILLY AND COMPANY 2,976,913
ELIZUNDIA ERIZ, UNAI 2,976,153
ELLINGER, CHRISTIAN 2,979,493
ELLIOTT, DUSTIN D. 2,980,352
ELMALEH, DAVID R. 2,980,329
ELSNER, OLIVER 2,980,388
ELZINGA, CHRISTOPHER 2,980,327
EMADI, ALI 2,980,787
ENCAPSYS, LLC 2,980,193
ENDO, SHIGERU 2,980,247
ENDO, SHIGERU 2,980,250
ENDO, SHIGERU 2,980,424
ENDO, SHIGERU 2,980,983
ENERGY RESONANCE MAGNETIC, S.L. 2,980,506
ENGEL, TOBIAS 2,979,903
ENGEPET EMPRESA DE ENGENHARIA DE PETROLEO LTDA 2,980,368
ENGLERT, DAVID FREDERICK 2,980,624
ENOMOTO, MANABU 2,980,523
ENSCO INTERNATIONAL INCORPORATED 2,980,017
ENSKONATUS, KAI 2,980,397
EQUIFAX, INC. 2,980,166
EQUIFAX, INC. 2,980,174
ERBER AKTIENGESELLSCHAFT 2,976,514
ERICKSON, NATHAN 2,980,551
ERICSSON AB 2,976,026
ERICSSON, PETER 2,979,597
ERIKSSON, HANS 2,980,256
ERKES, MICHAEL 2,976,292
ERLANDSON, ERIKA THERESA 2,980,027
ESM ENERGIE- UND SCHWINGUNGSTECHNIK MITSCH GMBH 2,979,761
ESSEGHIR, MOHAMED 2,976,914
ETO, YUKI 2,980,696
EUROPEAN SPACE AGENCY (ESA) 2,973,088
EVANS ELECTRIC PTY LIMITED 2,980,194
EVANS, ALICIA JERRAM HUNTER 2,980,520
EVANS, ALICIA JERRAM HUNTER 2,980,521
EVANS, ALICIA JERRAM HUNTER 2,980,539
EVANS, ALICIA JERRAM HUNTER 2,980,849
EVANS, BENJAMIN 2,979,662
EVANS, DOUGLAS 2,975,111
EVANS, PAUL DOUGLAS 2,980,194
EVANS, STEPHEN 2,976,918
EVERS, MARKUS 2,980,388
EVONIK DEGUSSA GMBH 2,980,235
EVOQUA WATER TECHNOLOGIES LLC 2,980,190
EXIQON A/S 2,976,577
EXPRO NORTH SEA LIMITED 2,980,236
EXXONMOBIL CHEMICALS PATENTS INC. 2,971,073
EYCKERMAN, SVEN 2,980,651
EYE LIGHTING INTERNATIONAL OF NORTH AMERCIA, INC. 2,980,322
EYFORD, BRETT ALEXANDER 2,975,899
EYRING, MATTHEW J. 2,975,701
F. HOFFMANN-LA ROCHE AG 2,979,490
F. HOFFMANN-LA ROCHE AG 2,979,886
F. HOFFMANN-LA ROCHE AG 2,980,407
F.HOFFMANN-LA ROCHE AG 2,980,105
FACCIOLI, GIOVANNI 2,975,967
FACEBOOK, INC. 2,980,278
FAGERLUND, ALLEN C. 2,980,770
FAIVELEY, MARC 2,976,358
FAIVELEY, MARC 2,976,362
FAIVRE, FABIEN 2,980,085
FAIVRE, FABIEN 2,980,109
FAIVRE, FABIEN 2,980,395
FAN, CHUNFANG 2,979,665
FAN, KAI-WEI 2,974,535
FANDREY, JENS 2,980,263
FARISS, STEPHEN TODD 2,976,401
FARRANT, HARVARD M. 2,980,480
FASENFEST, KATHLEEN 2,975,909
FATMI, AQEEL A. 2,980,165
FAWCETT, LYMAN W. 2,980,724
FAY, LUKE 2,980,780
FAZ TECHNOLOGY LTD. 2,980,392
FEDURCO, MILAN 2,960,933
FEDURCO, MILAN 2,960,935
FEIL, HENRY 2,980,496
FELDOTTO, UDO 2,979,439
FENDER, JASON 2,980,917
FENN, DAVID R. 2,968,549
FENNINGER, FRANZ 2,975,899
FENSTER, AARON 2,980,777
FERAUD, BENJAMIN 2,980,430
FERGUSON, FRANCIS 2,980,732
FERNANDES, GLENN 2,980,031
FERNANDES, PRAKASH 2,980,533
FERNANDEZ FERNANDEZ, CARMEN MARIA 2,979,596
FERNANDEZ FERNANDEZ, JAVIER 2,979,613
FERNANDEZ, ROBERT 2,980,742
FERRARIO, CARLO 2,979,770
FERRI, ARMANDO, II 2,980,928
FEYS, JONAS GUIDO 2,973,429
FIDRIC, BERNARD 2,980,305
FIEDLER, MARKUS 2,979,768
FIK, CHRISTOPH P. 2,980,388
FILIP, KATARZYNA 2,976,326
FINCHER, CHARLES KENNITH 2,980,572
FINCHER, CHARLES KENNITH 2,980,574
FINNERTY, SHAUN 2,975,986
FISCHER, KAI JURGEN 2,979,960
FISCHER, LISA 2,980,376
FISCHER, RAINER 2,980,642
FISCHER, RUDOLF 2,980,244
FISHER & PAYKEL HEALTHCARE LIMITED 2,980,520
FISHER & PAYKEL HEALTHCARE LIMITED 2,980,521
FISHER & PAYKEL HEALTHCARE LIMITED 2,980,539
FISHER & PAYKEL HEALTHCARE LIMITED 2,980,842
FISHER & PAYKEL HEALTHCARE LIMITED 2,980,849
FISHER CONTROLS INTERNATIONAL LLC 2,980,141
FISHER CONTROLS INTERNATIONAL LLC 2,980,143
FISHER CONTROLS INTERNATIONAL LLC 2,980,770
FITZGERALD, MATTHEW J. 2,980,790
FLIP-LIGHTS, LLC 2,980,752
FLORIDA INSTITUTE OF TECHNOLOGY 2,980,221
FLOWONIX MEDICAL INCORPORATED 2,980,188
FLURSCHEIM, CHRISTIAN 2,980,768
FONTAYNE, ALEXANDRE 2,977,010
FORRER, PATRIK 2,979,602
FORSBERG, PETER 2,980,088
FORSMAN, ROBERT HAMMOND 2,976,026
FORTRESS IRON, LP 2,980,555
FOUDA, AHMED E. 2,980,450
FOUQUE, NICOLAS 2,979,486

FOURNIER, FREDERIC 2,971,285
FOWLER, GREGORY 2,974,528
FRANCO, ZADSON DE ALMEIDA 2,980,368
FRANCOIS, GUILLAUME 2,979,601
FRANCOIS, GUILLAUME 2,979,604
FRANK'S INTERNATIONAL, LLC 2,979,830
FRANKLIN, ANDREW J. 2,980,533
FRASER, DOUGLAS DALE 2,980,376
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,979,598
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,979,600
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,980,642
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,980,659
FREAKE, JACOB 2,980,287
FREDERIX, SOFIE 2,975,499
FREDSOE, JACOB CHRISTIAN 2,976,577
FREIBERG, CHRISTOPH 2,980,390
FREILICH, MARTIN ALLEN 2,980,325
FREISINGER, JOSEF 2,980,648
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,976,646
FREUDENDAHL, ERLING ARNUM 2,979,577
FRIEDENBERGER, JAMES 2,975,986
FRIER, WILLIAM THIERRY ALAIN 2,976,312
FRIESEN, CODY 2,975,167
FRIESLANDCAMPINA NEDERLAND B.V. 2,975,672
FRISKY, SEAN 2,980,632
FRITSCHE, JENS 2,979,506
FRITZ, HELMUT 2,980,648
FRUEH, KLAUS 2,976,245
FU, HONG 2,976,519
FU, JUN-TSE 2,976,154
FU, XU 2,979,359
FUJIFILM CORPORATION 2,980,268
FUJIHARA, TOSHIYA 2,980,718
FUJIMORI KOGYO CO., LTD. 2,980,696
FUJITSU LIMITED 2,980,984
FUKUI, YASUSHI 2,980,419
FUKUNAGA, HIROFUMI 2,980,268
FUNDACION MEDINA. CENTRO DE EXCELENCIA EN INVESTIGACION DE MEDICAMENTOS INNOVADORES EN ANDALUCIA 2,980,267
FUNG, GREGORY W. 2,980,740
FURUSAKO, SEIJI 2,980,692
FURUSKOG, JOHAN 2,974,515
FURYK, MAREK 2,975,635
G AND E INTERNATIONAL LLC 2,980,568
GABATHULER, REINHARD 2,975,899
GAGE, JENNIFER LYNN 2,980,801
GAGNE, JOSEPH DONALD 2,973,756
GAINCHE, PHILIPPE 2,980,401
GAINDU, S.L. 2,980,634
GAJEWSKI, JAN 2,980,391
GALDERMA SA 2,980,667
GAMELIN, ANDRE S. 2,980,541
GANDIA, NATASHA 2,973,887
GANNEDAHL, KARL ERIK GOERAN 2,961,148
GAO, LU 2,979,490
GARCIA, RAUL FERNANDEZ 2,973,767
GARLOW, DAVID A. 2,980,112
GASSER, JEAN-DANIEL 2,980,630
GASSNER, MARTINA 2,979,581
GATES CORPORATION 2,980,307
GATHMAN, TRAVIS 2,980,301
GATZWEILER, ELMAR 2,979,766
GAUDISSART, CHARLES 2,980,219
GAW, SHAN E. 2,980,306
GBF GESELLSCHAFT FUR BEMESSUNGSFORSCHUNG MBH 2,980,245
GE AVIATION SYSTEMS LLC 2,975,827
GE LIGHTING SOLUTIONS, LLC 2,976,396
GE LIGHTING SOLUTIONS, LLC 2,978,463
GE LIGHTING SOLUTIONS, LLC 2,979,409
GE OIL & GAS ESP, INC. 2,980,552
GE, XIAOQING 2,980,277
GE, YINGZI 2,980,390
GEISER, VALERIE 2,973,659
GELIN, CHRISTINE 2,960,791
GEMTIER MEDICAL (SHANGHAI) INC. 2,980,490
GENENTECH, INC. 2,960,834
GENENTECH, INC. 2,975,875
GENENTECH, INC. 2,980,189
GENERAL ELECTRIC COMPANY 2,975,675
GENERAL ELECTRIC COMPANY 2,975,890
GENERAL ELECTRIC COMPANY 2,976,014
GENERAL ELECTRIC COMPANY 2,979,359
GENERAL ELECTRIC TECHNOLOGY GMBH 2,975,635
GENERAL ELECTRIC TECHNOLOGY GMBH 2,979,770
GENETIC ANALYSIS AS 2,980,637
GENILLOUD RODRIGUEZ, OLGA 2,980,267
GENSCAPE INTANGIBLE HOLDING, INC. 2,975,619
GEORGIOU, GEORGE 2,976,236
GERARDI, LAUREN 2,973,696
GERHARDT, TOBIAS 2,979,903
GERSTEL, ORNAN ALEXANDER 2,980,834
GERSZBERG, IRWIN 2,977,034
GHARTEY-TAGOE, ESI 2,959,506
GHOSH, SHUBHAJIT 2,979,327
GIBSON, ASHLEY CRAIG 2,980,700
GIEHM, LISE 2,979,950
GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH 2,980,366
GIULIANI S.P.A. 2,980,246
GIULIANI, GIAMMARIA 2,980,246
GIUSTE, SERGIO A. 2,973,887
GLARESMILE S.R.L. 2,980,514
GLAUKOS CORPORATION 2,980,289
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,979,504
GLENN, DEON 2,980,459
GLUCK, JULIAN, MARIUS 2,980,390
GOBOU, KENJI 2,980,525
GOBOU, KENJI 2,980,691
GOEL, AJAY 2,979,992
GOEPPERT, ALAIN 2,973,572
GOH, TOH SENG 2,980,790
GOLDEN, STEVEN S. 2,980,742
GOLFIER, SVEN 2,980,390
GOLTZ, H. ROBERT 2,974,946
GOMES, JOSH 2,980,287
GOMEZ, MIREIA MARQUES 2,976,199
GONG, JING-SHYONG 2,980,797
GONGOLA, PAUL JOHN 2,980,079
GONZALEZ MENENDEZ, VICTOR 2,980,267
GONZALEZ PATINO, NOELIA 2,980,959
GONZALEZ SANCHEZ, JOSE FRANCISCO 2,973,932
GONZALEZ, JAVIER G. 2,976,025
GONZALEZ-PEREZ, CARLOS 2,980,911
GOOCH, MATTHEW WARREN 2,975,649
GOOD, DAVID M. 2,980,306
GOODENOW, ROBERT 2,980,297
GOPALAKRISHNAN, KALPANA 2,980,404
GOPALAKRISHNAN, KALPANA 2,980,411
GORDON-CARROLL, CLINT 2,975,701
GOREN, MICHAEL 2,976,669
GOSAIN, SANJIV 2,980,955
GOSANGARI, SAUJANYA 2,980,165
GOSIEWSKA, SILVIA 2,980,090
GOTOH, SHIMPEI 2,980,270
GOTTLIEB, PETER A. 2,980,940

GOUPIL, BERNARD 2,980,612
GOWANS, JOHN PHILIP 2,980,511
GPN VACCINES PTY LTD 2,980,616
GRABOWSKA, IWONA 2,976,326
GRACKIEWICZ, GREGOR 2,980,238
GRAHAM, BRENDAN FRANCIS 2,975,715
GRAHAM, NEIL DERYCK BRAY 2,980,617
GRAMICCIONI, GARY A. 2,973,955
GRANADOS, ROBERT 2,980,535
GRANGE, PHILIPPE 2,979,812
GRANGER, DAVID BRADLEY 2,980,494
GRANTCHAROV, TEODOR PANTCHEV 2,980,618
GREENBURG, ALAN 2,979,886
GREY ORANGE PTE. LTD. 2,975,957
GRIESSER, THOMAS 2,979,581
GRIFFATON, JULIEN CHRISTIAN PASCAL 2,975,208
GRIFFIS, JOSHUA W. 2,980,190
GRIFOLS WORLDWIDE OPERATIONS LIMITED 2,980,718
GRINAN LISON, CARMEN 2,980,267
GRINBERG, ASYA 2,980,757
GRININGER, MARTIN 2,980,391
GRINNEBACK, KAY 2,980,412
GRISOSTOMI, CORINNA 2,980,100
GRITZAN, UWE 2,980,390
GROSS, MARTYN C. 2,980,541
GROUND EFFECTS ENVIRONMENTAL SERVICES INC. 2,980,632
GROWX INC. 2,980,035
GRUEN, MARKUS 2,975,783
GRUEN, MARKUS 2,975,785
GRUNDKE, TIMO 2,975,533
GRUTZNER, ERNST ANDREAS 2,980,388
GRUVER, DANIEL 2,980,305
GRUZA, MARIUSZ MAREK 2,976,326
GRYNKIEWICZ, GRZEGORZ 2,976,326
GRYSHCHUK, OLEG 2,980,657
GRZELAKOWSKI, MARIUSZ PIOTR 2,980,641
GSTACH, PETER 2,979,509
GUANG, LEI 2,980,278
GUANGDONG YUANFENG ELECTRONIC TECHNOLOGY CO., LTD. 2,980,479
GUBIK, ALEXANDER 2,979,954
GUDERZO, MARCO 2,979,934
GUERCIA, LEONARD 2,980,311
GUEROUT, FABRICE 2,980,621
GUERRY, HERVE 2,977,084
GUILLEMONT, MAXENCE 2,979,952
GULATI, KAPIL 2,976,700
GULLIVER, LAURENCE 2,980,539
GULOTTI-GEORGIEVA, MAYA 2,979,602
GUNN, DAVID 2,980,318
GUO, YI 2,980,233
GUO, YUCHEN 2,980,623
GUPTA, AKASH 2,975,957
GUPTA, JYOTI 2,980,908
GUTACKER, ANDREA 2,979,928
GUTACKER, ANDREA 2,979,929
GUTERMUTH, ANGELA 2,980,659
GUZUN, TATIANA 2,980,091
GUZUN, TATIANA 2,980,410
GYENES, ALEXANDER 2,980,718
HAASE, RALF 2,980,245
HAASS, CHRISTIAN 2,979,583
HABER, DANIEL A. 2,980,562
HABETS, EMANUEL 2,979,598
HAFFNER, DAVID S. 2,980,289
HAGER, JAMES 2,976,763
HAKIMI, NAJEEB H. 2,980,908
HALDAR, JAYANTA 2,975,975
HALDOR TOPSOE A/S 2,980,663
HALKEY-ROBERTS CORPORATION 2,980,724
HALL, JOHN ANDREW 2,980,718
HALLIBURTON ENERGY SERVICES, INC. 2,974,105
HALLIBURTON ENERGY SERVICES, INC. 2,978,271
HALLIBURTON ENERGY SERVICES, INC. 2,978,705
HALLIBURTON ENERGY SERVICES, INC. 2,979,327
HALLIBURTON ENERGY SERVICES, INC. 2,979,533
HALLIBURTON ENERGY SERVICES, INC. 2,979,540
HALLIBURTON ENERGY SERVICES, INC. 2,979,662
HALLIBURTON ENERGY SERVICES, INC. 2,979,665
HALLIBURTON ENERGY SERVICES, INC. 2,979,667
HALLIBURTON ENERGY SERVICES, INC. 2,980,124
HALLIBURTON ENERGY SERVICES, INC. 2,980,272
HALLIBURTON ENERGY SERVICES, INC. 2,980,276
HALLIBURTON ENERGY SERVICES, INC. 2,980,277
HALLIBURTON ENERGY SERVICES, INC. 2,980,450
HALLIBURTON ENERGY SERVICES, INC. 2,980,451
HAMMING, JAN-EGBERT 2,980,492
HAMMING, JAN-EGBERT 2,980,656
HAMMONS, DORINNE D. 2,980,124
HAMPRECHT, DIETER WOLFGANG 2,979,950
HAN, CHAN 2,974,946
HANA, KIM 2,980,652
HANLON, DAVID NEAL 2,979,923
HANLON, STEVEN PAUL 2,980,407
HANSA MEDICAL AB 2,976,003
HANSA MEDICAL AB 2,976,016
HANSEN, SCOTT 2,976,245
HANSON, ALFRED 2,974,767
HARARI, BOAZ 2,973,940
HARBOL, KEVIN L. 2,980,801
HARDY, CRAIG 2,975,043
HARITON, ILIA 2,973,940
HARMAN, GREGG M. 2,976,087
HARRAH, TIMOTHY 2,979,247
HARTER, MICHAEL 2,980,646
HASEGAWA, NOBUHIRO 2,980,435
HASHIMOTO, JUN 2,980,264
HASHIMOTO, MASARU 2,980,461
HASS, MATEUSZ MAREK 2,976,153
HATANAKA, KENTARO 2,980,721
HAUSSERMANN, SABINE 2,980,088
HAYASHI, KUNIO 2,980,692
HAZER GROUP LIMITED 2,980,471
HE, DING SHENG 2,979,247
HE, YI 2,980,225
HE, YI 2,980,229
HE, YI 2,980,231
HECHLER, CLAUS 2,980,238
HEDBYS, LARS 2,979,597
HEGGE, FINN 2,980,637
HEGURI, SHIN-ICHI 2,980,440
HEIN, LEA CHRISTIN 2,980,642
HEINEMANN, INES 2,979,766
HEINRICHS, EKKEHARD 2,979,584
HEINZ, FRANK 2,979,761
HEITMEIER, STEFAN 2,979,937
HELFER, MARKUS 2,979,826
HELLMUTH, OLIVER 2,979,598
HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH) 2,979,826
HELMHOLTZ ZENTRUM MUNCHEN DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH) 2,979,493
HELMHOLTZ-ZENTRUM FUR INFEKTIONSFORSCHUNG GMBH 2,980,406
HENDERSON, STEVEN M. 2,980,289
HENDRICKSON USA, L.L.C. 2,980,464
HENDRICKSON, GREGORY G. 2,974,706
HENKEL AG & CO. KGAA 2,979,928
HENKEL AG & CO. KGAA 2,979,929
HENKEL IP & HOLDING GMBH 2,980,300
HENNESSY, DAVID R. 2,980,341
HENRY, PAUL SHALA 2,977,034
HENS, ZEGER 2,980,089
HENSEN, GUIDO CORNELIS 2,979,923
HEPPNER, MATHIAS 2,980,126
HERMANN BOCK GMBH 2,979,439
HERMEZ, LAITH ADEEB 2,980,521
HERMEZ, LAITH ADEEB 2,980,849
HERMSMEIER, MAIKO C. 2,980,527
HERNANDEZ DIAZ, DAVID 2,979,961
HERNANDEZ-CUBERO, OSCAR 2,979,592
HERRE, JUERGEN 2,979,598
HERRENKNECHT AG 2,979,903
HERTWECK, CHRISTIAN 2,979,826
HESCH, WALTER 2,980,648
HESS, WOLFGANG 2,979,598

HESSELBJERG, LARS 2,979,919
HETZ, JULIA 2,979,949
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,975,440
HIDESHIMA, KOTA 2,980,529
HIETANIEMI, MATTI 2,971,528
HIGASHI, ERIKO 2,980,259
HILL, MICHAEL W. 2,976,087
HILLISCH, ALEXANDER 2,979,937
HILLS, MARTIN JEFFREY 2,979,922
HILTI AKTIENGESELLSCHAFT 2,979,509
HILTON, DERRICK ERNEST 2,979,590
HILTON, DERRICK ERNEST 2,979,591
HILTON, DERRICK ERNEST 2,979,595
HILTON, DERRICK ERNEST 2,979,603
HINDRUM, MARIA 2,979,511
HINOJOSA, CHRISTOPHER DAVID 2,980,287
HIROTA, ETSUROU 2,980,712
HIRST, TIMOTHY RAYMOND 2,980,616
HJLB, LLC 2,980,729
HMNC VALUE GMBH 2,980,807
HO, YUNG-LUNG 2,976,437
HOBROCK, LANCE M. 2,975,300
HOCHBERG, CARL J. 2,979,877
HOCHMUTH, JOHN K. 2,973,955
HOCKE, HEIKO 2,980,669
HOELTGEN, WOLFGANG, KURT 2,975,957
HOFFMAN, ELIAHU SHALOM 2,980,421
HOFFMANN, MIKE 2,980,254
HOFFMANN, WALTER 2,980,401
HOFMANN, JORG 2,977,909
HOGGARTH, ANDREW 2,975,043
HOHENADL, FLORIAN 2,975,795
HOI KI SIN, EMILY 2,975,954
HOLDEN, PAUL-PHILLIP 2,974,820
HOLDSWORTH, ROBERT 2,980,311
HOLMA, MERJA BIRGITTA 2,980,922
HOLMES, BRIAN WILLIAM 2,980,234
HOLMES, JEFF 2,980,376
HOLSBOER, FLORIAN 2,980,807
HOLTON, SIMON 2,980,390
HOLYOAKE, BRUCE GORDON 2,980,521
HONCZARENKO, MAREK 2,960,819
HONG, CLAIRE YIH PING 2,980,197
HONG, XIN 2,980,562
HONJO, SHINTARO 2,980,264
HOOPER, CARL RAMON 2,980,509
HOPPE, RONALD LARRY 2,979,665
HOROWSKA, BARBARA 2,980,084
HORSTMANN, CATHARINA 2,980,238
HORTON, INC. 2,980,341
HORTON, KENNETH R. 2,980,311
HOSHINA, RYOSUKE 2,980,690
HOSOE, SHINTARO 2,980,721
HOTTOVY, JOHN D. 2,974,706
HOUSE, MORGAN 2,979,817
HOUTSMA, MAURICE 2,980,492
HOUTSMA, MAURICE 2,980,656
HOVLAND, VIDAR 2,980,853
HOWARD UNIVERSITY 2,980,468
HOWARD UNIVERSITY 2,980,472
HU, YUHONG 2,980,300
HU, YUNHUA 2,980,165
HUANG, HAO 2,975,827
HUANG, JIAHAO 2,975,789
HUANG, WENYI 2,976,914
HUANG, YUHONG 2,980,636
HUAWEI TECHNOLOGIES CO., LTD. 2,980,233
HUAWEI TECHNOLOGIES CO., LTD. 2,980,405
HUAWEI TECHNOLOGIES CO., LTD. 2,980,623
HUAWEI TECHNOLOGIES CO., LTD. 2,980,952
HUBBELL INCORPORATED 2,980,304
HUBBELL INCORPORATED 2,980,703
HUBBLE, JOHN 2,979,719
HUIZENGA, PIETER 2,979,960
HUMPHREYS, PHILIP G. 2,979,504
HUNT, ALLAN KENNETH FRAZER GRUGEON 2,980,511
HUNTER, TIMOTHY H. 2,978,271
HUNTING TITAN, INC. 2,980,931
HUNTING TITAN, INC. 2,980,935
HURRY, SIMON 2,980,766
HUYSER, RICHARD F. 2,980,132
HWANG, DAESUNG 2,974,656
HWANG, SUNG-HEE 2,975,981
HYDROMINE NUCLEAR ENERGY S.A.R.L. 2,980,249
HYNNA, KAI 2,980,604
HYNYNEN, KULLERVO 2,980,976
IBERT, MATHIAS 2,976,859
IBEX BIONOMICS, LLC 2,980,779
IBIQUITY DIGITAL CORPORATION 2,975,429
IBIQUITY DIGITAL CORPORATION 2,976,523
IBRAHIM, SELWAN K. 2,980,392
IDING, HANS 2,980,407
IDOGEN AB 2,979,597
IFFT, STEPHEN ARTHUR 2,980,546
IGLESIAS BALLESTER, MIGUEL ANGEL 2,980,661
IKEDA, OSAMU 2,980,440
IKERGUNE A.I.E. 2,979,927
IMAI, TOSHIO 2,980,435
IMMATICS BIOTECHNOLOGIES GMBH 2,979,506
IMOTO, KATSUHIKO 2,980,691
IMPLANET 2,979,795
IMPLANET 2,979,956
IMPLUS FOOTCARE, LLC 2,980,494
INABA, NORIKAZU 2,980,264
INAPRIL AS 2,980,853
INDUSTRIAL TOMOGRAPHY SYSTEMS PLC 2,960,931
INEOS STYROLUTION GROUP GMBH 2,979,502
INGETEAM POWER TECHNOLOGY, S.A. 2,974,885
INGRAM, AARON N. 2,974,115
INHIBIKASE THERAPEUTICS, INC. 2,980,478
INNES, GORDON 2,976,431
INNOVATIVE OFFICE PRODUCTS, LLC 2,979,877
INOVIO PHARMACEUTICALS, INC. 2,980,308
INSTITUT GUSTAVE-ROUSSY 2,979,812
INSTITUT NATIONAL D'OPTIQUE 2,980,785
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,979,592
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,979,812
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 2,975,750
INSTITUT UNIV. DE CIENCIA I TECNOLOGIA, S.A. 2,979,596
INSTYTUT FARMACEUTYCZNY 2,976,326
INTACT VASCULAR, INC. 2,975,111
INTERGAS HEATING ASSETS B.V. 2,980,262
INTEROVO EGG GROUP B.V. 2,976,438
INTERVENTION TECHNOLOGY PTY LTD 2,976,611
INTERVIET INTERNATIONAL B.V. 2,980,087
IORDACHE, DOREL IONUT 2,980,305
IPEG, INC. 2,979,987
IRELAND, ALEXANDER 2,980,369
IRELAND, JOHN DAVID 2,975,890
ISEKI, KATSUHIKO 2,980,259
ISHIDA, TAKASHI 2,980,507
ISHIKAWA, NOBUYUKI 2,980,247
ISHIKAWA, NOBUYUKI 2,980,250
ISHIKAWA, NOBUYUKI 2,980,252
ISHIKAWA, NOBUYUKI 2,980,424
ISHIKAWA, NOBUYUKI 2,980,983
ISP INVESTMENTS LLC 2,980,908
ITO, KENGO 2,980,691
IWANO, SHUNSUKE 2,980,259
IZUMIMOTO, NAOKI 2,980,259
JACKSON, JAMES 2,980,867
JACOB, JOHN 2,976,798
JACOBS, JEREMY J. 2,980,736
JACOBSEN, BRIAN 2,979,590
JACOBSEN, BRIAN 2,979,591
JACOBSEN, BRIAN 2,979,603
JACUCCI, GIULIO 2,980,228
JAESEUNG, KIM 2,980,652
JAHANSHAHI, ESMAEIL 2,980,489
JAKOBSEN, BJARNE KJELD 2,976,145
JAN, FRANCIS 2,974,528
JANABI-SHARIFI, FARROKH 2,980,620
JANISEWSKI, THOMAS J. 2,976,437
JANSEN, ANDREAS WILLIBRORDUS MARIA 2,979,769
JANSEN, SJOERD MARIA 2,979,769

JANSMA, JON BENNETT 2,979,409
JANSMA, JON, BENNETT 2,978,463
JANSSEN BIOTECH, INC. 2,976,918
JANSSEN PHARMACEUTICA NV 2,960,791
JANSSEN PHARMACEUTICA NV 2,960,968
JANSSEN PHARMACEUTICA NV 2,960,972
JANSSEN PHARMACEUTICA NV 2,961,208
JANSSEN VACCINES & PREVENTION B.V. 2,979,771
JANSSEN, KOEN 2,979,984
JANSSENS, DANIEL 2,975,810
JAPAN TOBACCO INC. 2,980,426
JARNUM, SOFIA 2,976,003
JARNUM, SOFIA 2,976,016
JAROSZ, MIRNA 2,975,958
JARZOMSKI, MICHAEL 2,979,227
JASRA, RAKSH VIR 2,980,404
JASRA, RAKSH VIR 2,980,411
JATCZAK, KAMIL 2,976,326
JAVAID, SARAH 2,980,562
JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH (JNCASR) 2,975,975
JEFFERIES, WILFRED ARTHUR 2,975,899
JELL, THOMAS 2,979,949
JENNINGS, JAMES ROBERT 2,979,588
JEONGJUN, KIM 2,980,652
JERAN, PAUL 2,975,440
JEROSCH, HEIKE 2,976,734
JESSOP, ISRAEL 2,974,120
JFE ENGINEERING CORPORATION 2,980,435
JFE STEEL CORPORATION 2,980,247
JFE STEEL CORPORATION 2,980,250
JFE STEEL CORPORATION 2,980,252
JFE STEEL CORPORATION 2,980,424
JFE STEEL CORPORATION 2,980,983
JHUNJHUNWALA, SUCHIT 2,960,834
JI, SHULIN 2,980,418
JI, TINGFANG 2,974,991
JIANG, GUIYANG 2,976,050
JIANG, JING 2,974,991
JIANG, YANFENG 2,974,964
JIANG, YANFENG 2,974,969
JIANGSU HENGRUI MEDICINE CO., LTD. 2,976,050
JIMENEZ NUNEZ, ELOISA 2,979,937
JIN, TAO 2,980,382
JIYE, AHN 2,980,652
JK WORLDWIDE ENTERPRISES INC. 2,980,473
JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN 2,980,385
JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN 2,980,391
JOHN, LINTOAN 2,980,404
JOHN, LINTOAN 2,980,411
JOHNSON, MARK THOMAS 2,980,487
JOLLEY, WILLIAM OWEN 2,980,542
JONES, BRIAN TODD 2,973,955
JONES, CHRISTOPHER 2,980,768
JONES, KATHERINE LOUISE 2,979,504
JONES, RUSSELL P. 2,979,511
JONES, RYAN 2,980,976
JONNIAU, SYLVAIN 2,980,216
JONQUA, BERNARD 2,980,832
JOSEFSSON, ERIK 2,979,989
JOSEPH COMPANY INTERNATIONAL, INC. 2,980,319
JOSHI, PRASHANT 2,961,166
JOSIEN, EMILIE 2,976,859
JUNEAU, RENE 2,980,947
JUNK, KENNETH W. 2,980,141
JUNK, KENNETH W. 2,980,143
JUNTUNEN, KARI 2,976,021
JURKOVIC, PAUL J. 2,980,322
JUST, RASMUS 2,979,950
K&N ENGINEERING, INC. 2,980,739
KAISER, ANTON 2,980,028
KAISER, THOMAS MARKUS 2,980,657
KAKIHARA, SHINICHI 2,980,252
KALINA, CHARLES RAYMOND 2,980,289
KALLBERG, PER 2,979,989
KALLI, CHRISTOPHER JOHN 2,975,715
KALTHOF, BERND 2,980,646
KAMIHARA, NOBUYUKI 2,980,711
KAMIYAMA, NAOYUKI 2,980,264
KANAZAWA, ASAKO 2,980,696
KANDZIORA, CHRISTINE 2,979,590
KANDZIORA, CHRISTINE 2,979,591
KANDZIORA, CHRISTINE 2,979,595
KANDZIORA, CHRISTINE 2,979,603
KAPCHIE, VIRGINIE 2,976,154
KAPUR, RAVI 2,980,562
KAPUSTA, SEBASTIAN 2,979,929
KARABACAK, DEVREZ MEHMET 2,980,392
KARAM, ANTHONY 2,980,476
KARCZEWICZ, MARTA 2,976,818
KARCZEWICZ, MARTA 2,976,820
KARCZEWICZ, MARTA 2,976,827
KARCZEWICZ, MARTA 2,976,828
KARLSSON, MAGDALENA 2,980,637
KARPACHEVSKYY, TARAS 2,980,377
KARPOV, ANDREY 2,972,828
KASHIMA, KOSUKE 2,980,696
KAST, RAIMUND 2,979,926
KATAGIRI, KAZUMI 2,980,690
KATHOLIEKE UNIVERSITEIT LEUVEN 2,979,932
KATIKANENI, SAHITYA 2,959,506
KATO, SHO 2,980,461
KAUN, NORMAN 2,974,858
KAWABE, TAKUMA 2,980,691
KAWATA, HIROYUKI 2,980,692
KAWATE, HIROSHI 2,980,712
KAZMI, MUHAMMAD 2,974,785
KEENUM, JOHN AUSTIN 2,973,660
KEIGHLEY, GARTH COLIN 2,980,700
KEIL, BIRGIT 2,980,071
KEJRIWAL, GAURAV 2,975,957
KELLERHER, MARTIN 2,980,311
KELLOGG COMPANY 2,972,980
KELLY, JOHN ROBERT 2,980,325
KELLY, RAYMOND BURTEEN 2,979,987
KELLY, TERENCE, A. 2,980,478
KEMIRA OYJ 2,971,528
KEOGH, GERALDINE 2,980,849
KEOGH, GERALDINE FRANCES 2,980,520
KEOGH, GERALDINE FRANCES 2,980,539
KERN, BRANDON J. 2,974,946
KERN, CORINNA 2,976,514
KETTUNEN, MIKKO 2,980,025
KEUSGEN, WILHELM 2,979,600
KEWPIE CORPORATION 2,980,690
KHALILI, KAMEL 2,980,317
KHALILI, KAVEH 2,980,357
KHOBRAGADE, PANKAJ 2,980,533
KIBENICH, ANNETTE 2,976,296
KIDO, KOJI 2,980,712
KIEFFER, BENOIT MARIE BERNARD 2,979,476
KIELY, LAURA G. 2,974,980
KIKLY, KRISTINE KAY 2,976,913
KIKUCHI, KOUHEI 2,980,429
KILIAN, DIETER 2,980,204
KIM, JEONG H. 2,976,437
KIM, SEONWOOK 2,974,656
KIMMEL, JENNIFER LOUISE 2,980,470
KIMMERLIN, THIERRY 2,980,100
KINCAID, ROBERT 2,979,848
KINDLER, ALOIS 2,975,783
KINDLER, ALOIS 2,975,785
KINDVALL, MARTEN 2,980,256
KING, GRETCHEN 2,980,027
KIRK, TAMMY 2,980,459
KIRKPATRICK, PAUL EDWARD, JR. 2,980,128
KIRSCH, MICHAEL 2,980,401
KIRZINGER, ANTON 2,980,648
KISWE MOBILE INC. 2,976,437
KIYEAN, NAM 2,980,652
KJELLBERG-STIFTUNG 2,975,533
KJELLMAN, CHRISTIAN 2,976,003
KJELLMAN, CHRISTIAN 2,976,016
KLARER FREIZEITANLAGEN AG 2,980,076
KLARER, STEFAN 2,980,076
KLEBCHEMIE M. G. BECKER GMBH & CO. KG 2,980,263
KLEEFSTRA, MARTIJN 2,980,408
KLEIN, AVNER 2,980,353
KLEIN, JOHANN 2,979,928
KLEIN, JOHANN 2,979,929
KLEIN, MARCEL 2,980,126
KLEMM, RAINER 2,980,367
KLESCZEWSKI, BERT 2,977,909
KLINGELNBERG AG 2,980,503
KLINGEMANN, HANS G. 2,980,592
KLINGNER, MATTHIAS 2,980,244
KLINK, GERMAN 2,980,521

KLOUCHE, KHALIL 2,980,228
KMIEC, CHESTER J. 2,976,914
KNAPP, THOMAS ALEXANDER 2,979,409
KNAPP, THOMAS, ALEXANDER 2,978,463
KNIS, JULIA 2,976,427
KNOBLAUCH, JEFFREY S. 2,980,473
KNOCH, MARTIN 2,979,498
KNOCKE, ETHAN 2,971,441
KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH 2,980,244
KOBAYASHI, HIDEAKI 2,980,690
KOBAYASHI, ORIE 2,980,990
KOCH, MICHAEL 2,975,783
KOCH, MICHAEL 2,975,785
KOCH, STEFAN 2,975,783
KOCH, STEFAN 2,975,785
KOHLI, SAMAY 2,975,957
KOHN, ARNIM 2,979,766
KOLEN, CATHARINA PETRONELLA ANTONIA MARIA 2,979,931
KOLESKY, DAVID 2,980,504
KOLIN, BENJAMIN 2,980,456
KOMATSU LTD. 2,956,561
KOMATSU LTD. 2,980,693
KOMM, ROBERT 2,979,954
KONGSBAK, LARS 2,976,577
KONINKLIJKE PHILIPS N.V. 2,980,487
KONISHI, SATOSHI 2,980,270
KONOPA, JERZY KAZIMIERZ 2,980,084
KOPRESKI, RYAN 2,976,357
KORAH, THOMMEN 2,974,550
KOREEDA, TETSURO 2,980,259
KOSEMUND, DIRK 2,980,646
KOTREL, STEFAN 2,980,254
KOWALEWSKA, MAGDALENA 2,976,326
KOZIAK, KATARZYNA 2,976,326
KOZIN, ELLIOTT 2,980,504
KRAFT FOODS GROUP BRANDS LLC 2,980,470
KRATT, CHRISTINE 2,960,819
KRAUS, JURGEN 2,979,503
KREYE, LISA 2,980,027
KRIEG, MARTIN 2,980,401
KRIESE, OLAF 2,980,126
KRIMMELBEIN, ILGA 2,979,501
KRIMMELBEIN, ILGA 2,979,503
KRINK, VOLKER 2,975,533
KRISH, JARED D. 2,980,473
KRITZINGER, JOHANNES 2,980,389
KROON, BART 2,980,487
KRUGEL, DANIEL RUDOLPH 2,980,257
KUAI, PINGYU 2,980,223
KUANG, JINQIANG 2,980,316
KUBOYAMA, TAKESHI 2,980,721
KUCZERA, THOMAS 2,980,401
KUDO, YOHEI 2,980,440
KUEHN, CHRISTOPHER 2,980,909
KUENZLER, GLENN HOWARD 2,979,409
KUENZLER, GLENN, HOWARD 2,978,463
KUHNEN, THORSTEN 2,980,126
KUMAR, AJAY 2,961,166
KUMAR, MANISH 2,980,641
KUMAR, PRAKASH 2,980,404
KUMAR, PRAKASH 2,980,411
KUMAR, RAVINDRA 2,980,757
KUMAR, SATISH 2,980,404
KUMAR, SATISH 2,980,411
KURIHARA, TAKESHI 2,980,693
KUSTER, HANS-WERNER 2,980,680
KUTCHKO, CYNTHIA 2,968,549
KWAKYE, GEORGE 2,979,476
KWEE, TIAW JOO 2,980,871
KYOTO UNIVERSITY 2,980,270
KYOWA CHEMICAL INDUSTRY CO., LTD. 2,980,469
KYOWA HAKKO KIRIN CO., LTD. 2,980,721
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,975,581
LAAS, HANS-JOSEF 2,980,669
LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES 2,977,010
LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES 2,980,232
LABREUCHE, CHRISTOPHE 2,980,492
LABREUCHE, CHRISTOPHE CAMILLE 2,980,656
LABY, KEITH PHILLIP 2,980,745
LAC, DIANA 2,980,527
LACAILLE, JEROME HENRI NOEL 2,975,208
LAFOREST, LUC 2,980,415
LAIRD TECHNOLOGIES, INC. 2,980,127
LAITRAM, L.L.C. 2,980,128
LAITRAM, L.L.C. 2,980,175
LALETIN, GREGORI ALEXANDRAVICH 2,980,476
LAM, MICKEY 2,979,877
LAM, TIAGO 2,977,115
LAMBERT, ROBERT 2,976,431
LAMONTAGNE, FREDERIC 2,980,785
LAMOTHE, DENIS 2,980,627
LAMOTHE, DENIS 2,980,629
LAMOTHE, JEAN 2,980,627
LAMOTHE, JEAN 2,980,629
LAMPLIGHT FARMS INCORPORATED 2,980,912
LAND VIEW, INC. 2,976,087
LANDIS+GYR INNOVATIONS, INC. 2,976,798
LANDLES, WILLIAM KENNEDY 2,975,945
LANDRUM, JOHN F. 2,980,128
LANG, LIXIN 2,960,819
LANGAKER, RAGNAR 2,980,853
LANGLAIS, JUSTIN 2,976,396
LANKHORST, PETER PHILIP 2,980,090
LANNER, DANIEL 2,980,412
LANNER, DANIEL 2,980,414
LANOS, PIERRE 2,976,734
LARSSON, ASA 2,979,511
LARSSON, MIKAEL 2,980,389
LASNIER, SYLVAIN 2,980,373
LASSOIE, JEAN-PIERRE 2,979,662
LASZCZ, MARTA 2,976,326
LAU, YI YANG 2,960,824
LAU, YVONNE 2,960,824
LAURENT, VERONIQUE 2,980,248
LAURISCH, FRANK 2,975,533
LAUSTED, MATTHEW DAROLD 2,980,027
LAVON, GARY DEAN 2,974,001
LAWRENCE, ADAM G 2,980,649
LAYE, ISABELLA 2,980,470
LAZAR, RADU A. 2,975,789
LE COUEDIC, REGIS 2,979,795
LE COUEDIC, REGIS 2,979,956
LE FRALLIEC, GERALDINE 2,980,395
LE STRAT, FREDERIC 2,980,085
LE STRAT, FREDERIC 2,980,109
LE STRAT, FREDERIC 2,980,395
LEAD DISCOVERY CENTER GMBH 2,980,652
LEAMY, PATRICK 2,974,120
LEBOLD, TERRY P. 2,960,791
LEBWOHL, DAVID 2,960,824
LECOINTE, NICOLAS 2,980,085
LECOINTE, NICOLAS 2,980,395
LEDOUSSAL, BENOIT 2,980,085
LEDOUSSAL, BENOIT 2,980,109
LEDOUSSAL, BENOIT 2,980,395
LEE, CHANG DONG 2,976,914
LEE, CHANG-HAN 2,976,236
LEE, DANIEL J. 2,980,504
LEE, JUSTIN 2,980,632
LEE, SEUNGMIN 2,974,656
LEE, SOO BUM 2,976,149
LEE, SOO BUM 2,976,151
LEE, TIEN 2,980,592
LEFEBVRE, MARIE 2,976,281
LEIBNIZ-INSTITUT FUR NATURSTOFF-FORSCHUNG UND INFEKTIONSBIOLOGIE E. V. - HANS-KNOLL-INSTITUT - 2,979,826
LEIFELD, FERDINAND 2,975,783
LEIFELD, FERDINAND 2,975,785
LEINWEBER, DIRK 2,980,028
LENIUS, SAMUEL WILLIAM 2,980,305
LEPEZ, OLIVIER 2,980,091
LEPEZ, OLIVIER 2,980,410
LEPPARD, STEVEN ANDREW 2,980,017
LERNER, BERNARD 2,980,734
LESSARD, FABRICE 2,979,910
LESSARD, FABRICE 2,979,917
LETAVIC, MICHAEL A. 2,960,968
LETAVIC, MICHAEL A. 2,960,972
LETI, MATHIEU 2,979,611

LEUNG, CHUN MAN ALAN 2,974,508
LEVANDOWSKI, ANTHONY 2,980,305
LEVEL 3 COMMUNICATIONS, LLC 2,980,732
LEVINE, CHARLES 2,980,931
LEVINE, ILSE D. 2,980,470
LEVNER, DANIEL 2,980,287
LEWELLEN, KEVIN M. 2,973,696
LEWIS, BRYAN JOHN 2,978,271
LEWIS, JENNIFER 2,980,504
LEWIS, SAMUEL JASON 2,974,105
LEY, DAVID J. 2,975,621
LG ELECTRONICS INC. 2,974,656
LI, ANG 2,976,050
LI, CHANGWEN 2,980,229
LI, LEI 2,980,225
LI, LEI 2,980,229
LI, LING 2,980,631
LI, NANXIN 2,960,824
LI, SHUHE 2,978,955
LI, SONG 2,980,382
LI, TING 2,980,225
LI, TING 2,980,229
LI, TING 2,980,231
LI, WEI 2,980,636
LI, XIANG 2,976,818
LI, XIANG 2,976,827
LI, XIANG 2,976,828
LI, XUEMEI 2,980,937
LI, ZHONGSEN 2,976,387
LIAIS, LUDOVIC 2,972,170
LIAN, LEI 2,980,382
LIANG, JINDONG 2,976,050
LIANG, LI-SHIANG 2,980,190
LIBERG, OLOF 2,975,083
LIDGREN, LARS 2,980,486
LIFECELL CORPORATION 2,974,120
LIGOZIO, GREGORY 2,960,754
LILL, JENNIE 2,960,834
LIN, DAVID TAT-CHI 2,980,379
LIN, JAMIE MENJAY 2,974,991
LIN, MEILU 2,980,623
LIN, RONGBIN LANNY 2,975,703
LIN, STEPHANIE LEI-CHING 2,980,379
LIN, WEN-WEI 2,962,383
LIN, YING-TZU 2,962,383
LINDAHL, TORBJORN 2,980,637
LINDE AKTIENGESELLSCHAFT 2,980,088
LINDE AKTIENGESELLSCHAFT 2,979,590
LINDE AKTIENGESELLSCHAFT 2,979,591
LINDE AKTIENGESELLSCHAFT 2,979,595
LINDE AKTIENGESELLSCHAFT 2,979,603
LINDE AKTIENGESELLSCHAFT 2,980,648
LIPA, ANTHONY J. 2,980,274
LIPOSCIENCE INC. 2,960,822
LISEGA SE 2,979,584
LIU, HONGBIN 2,976,818
LIU, HONGBIN 2,976,827
LIU, HONGBIN 2,976,828
LIU, JUNQIANG 2,974,946
LIU, SHIWEI 2,975,703
LIVEGG (2015) LTD 2,980,421
LIVENS, STEFAN 2,980,092
LI ORET SOLER, JUAN 2,975,945
LO, WEI-SHUO 2,962,383
LOCATOR IP, L.P. 2,971,441
LOCKE, STEPHEN BRUCE 2,976,168
LOCKLEAR, BRANDON C. 2,974,122
LOHKEN, JORN OLAF 2,979,514
LOIBNER, ANDREAS P. 2,979,954
LOISKE, JANNE 2,980,399
LOMBAERT, POL 2,973,429
LONDERGAN, TIMOTHY MARTIN 2,980,922
LONDERGAN, TIMOTHY MARTIN 2,980,961
LONDERGAN, TIMOTHY MARTIN 2,980,963
LONDON HEALTH SCIENCES CENTRE RESEARCH INC. 2,980,376
LONG PIPES PTY LTD 2,980,617
LONG, BENJAMIN JOHN OLIVER 2,976,312
LONG, BENJAMIN JOHN OLIVER 2,976,319
LONGO, MICHAEL 2,975,111
LOPEZ GOMEZ, CRISTINA 2,979,596
LORD CORPORATION 2,979,227
LORENZ, FELIX 2,979,493
LORZEL, HEATH 2,975,167
LOVRIC, MARKAN 2,980,401
LOW, LARRY 2,977,130
LU, SABRINA 2,980,470
LUBBERGER, MICHAEL 2,979,903
LUCAS, BRYAN CHAPMAN 2,978,271
LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN 2,979,583
LUMINA ADHESIVES AB 2,975,936
LUMUS LTD. 2,976,604
LUNA ALLOZA, ALVARO 2,974,885
LUND, BIRGITTE LANGE WINTHER 2,980,483
LUNDIN, TOM 2,971,528
LUO, TAO 2,975,408
LUPARDUS, PATRICK 2,960,834
LUSTIG, KLEMENS 2,980,646
LUTZ, CECILE 2,974,765
LUTZ, CECILE 2,974,766
LUYTEN, JOHANNA MARIA JOZEFA GEORGINA 2,975,672
LYMAN, JEFFERSON 2,975,701
LYONS, LAURA 2,980,318
LYRICAL LABS VIDEO COMPRESSION TECHNOLOGY, LLC 2,979,994
MA, XIAOHUI 2,980,225
MA, XIAOHUI 2,980,229
MA, XIAOHUI 2,980,231
MA, XUELI E. 2,980,278
MA, ZHONGHUA 2,976,246
MAAN RESEARCH & DEVELOPMENT B.V. 2,979,769
MAAS PROFILE GMBH 2,980,106
MACHIDA, MASAOMI 2,980,693
MACIEJKO, DOROTA 2,976,326
MACNEISH, WILLIAM JACK, III 2,980,541
MADERA, MARTIN 2,980,401
MAGAGNOLI, AUGUSTO 2,976,435
MAGER, DIETER 2,980,669
MAGNESIUM OXIDE BOARD CORPORATION PTY LTD 2,980,948
MAGUIRE, MICHAEL 2,980,586
MAHAR, MATTHEW 2,975,701
MAHESWARAN, SHYAMALA 2,980,562
MAHMOUDKHANI, AMIR 2,980,028
MAHR, ANDREA 2,979,506
MAIMON, DAVID 2,975,211
MAKAROV, VADIM ALBERTOVICH 2,980,653
MAKINEN, SUSANNA 2,976,021
MALAVASI, STEFANO 2,980,519
MALIK, PUNAM 2,980,748
MALOULI, DANIEL 2,976,245
MANDA, SUDHAKAR 2,961,166
MANDAL, BATAKRISHNA 2,979,327
MANDEAU, ANNE 2,979,611
MANLEY, KEVIN 2,980,132
MANPAT, RAJESH 2,980,686
MANSFIELD, JEFFREY 2,980,318
MAO, YALING 2,980,490
MAQBOOL, DAANISH 2,980,280
MAQBOOL, DAANISH 2,980,285
MARA RENEWABLES CORPORATION 2,980,679
MARCHAL CORRALES, JUAN ANTONIO 2,980,267
MAREL SALMON A/S 2,976,145
MARES S.P.A. 2,980,137
MARGALLO BALBAS, EDUARDO 2,975,945
MARINI, KIEREN D. 2,980,611
MARIOT, VIRGINIE 2,975,750
MARMOTTANT, ARIANE 2,980,248
MARQUARDT, BRIAN 2,980,306
MARQUARDT, RONALD R. 2,976,033
MARSCHKE, DEAN DAVID 2,975,675
MARSHALL, ANGELA LONGO 2,980,128
MARSKELL, STEVE 2,980,948
MARTIN, JOHN-PAUL ARMAND 2,980,035
MARTIN, PASCAL 2,976,168
MARTINCEVIC, VLADIMIR 2,980,201
MARTINEZ, JACOB 2,980,494
MARTOS FERREIRA, DAVID 2,979,961
MARVEL, ROBERT LEE 2,980,552
MARYFIELD, TONY 2,979,882
MARZANI, BARBARA 2,980,246
MASON, SEAN 2,980,333
MASSACHUSETTS EYE AND EAR INFIRMARY 2,980,504
MATHIAK, JENS 2,980,409
MATHIESEN, JESPER MOSOLFF 2,979,950
MATIAS, ANTONIO 2,979,476
MATNER, MATHIAS 2,980,669

MATSUI, SHO 2,980,692
MATSUO, SHOICHI 2,980,419
MATT, NICOLE 2,980,388
MATTEUCCI, SCOTT T. 2,974,946
MAURAN, SYLVAIN 2,980,400
MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT 2,979,493
MAXAMCORP HOLDING, S.L. 2,976,136
MAXAMCORP HOLDING, S.L. 2,976,153
MAXOR INC. 2,980,627
MAXOR INC. 2,980,629
MAXXIAN TECHNOLOGY INC. 2,980,947
MAY, ERIC FREEMANTLE 2,975,715
MAYFAIR VERMOGENSVERWALTUNGS SE 2,979,599
MAYO, RICHARD HAMMOND 2,977,013
MAZ, EMMANUEL 2,980,384
MAZERSKA, ZOFIA 2,980,084
MAZET, NATHALIE 2,980,400
MAZUIR, FLORENT 2,978,029
MAZZARELLA, JOSEPH R. 2,974,961
MAZZARELLA, JOSEPH R. 2,975,296
MCBURNETT, MICHAEL 2,980,166
MCCANN, WILLIAM 2,980,305
MCCARY, BRIAN D. 2,980,790
MCCAULEY, TIMOTHY 2,980,289
MCCOMSEY, KEITH D. 2,980,464
MCCONNELL, JAMES A. 2,980,793
MCCOY, BRENT 2,975,649
MCDANIELS, KEITH JOEL 2,977,908
MCDONALD, DEBRA CHRISTINE 2,980,931
MCDONALD, JOHN 2,980,432
MCGEEVER, CASEY 2,971,441
MCGINN, JORDAN 2,980,286
MCGREGOR, AARON L. 2,980,931
MCINROY, GORDON R. 2,975,789
MCKEAGE, DAVID M. 2,976,380
MCKENNA, MICHAEL J. 2,980,504
MCKERNAN, PAT S. 2,975,683
MCMASTER UNIVERSITY 2,980,787
MCMILLAN, JARON LYELL 2,980,681
MCMILLAN, NICHOLAS ROBERT 2,980,509
MCMORROW, GERALD 2,980,534
MCNELIS, LIAM 2,979,514
MCSHANE, FRANCIS PAUL 2,980,286
MCWALL, PATRICK 2,980,230
MEADOWS, MARK STEPHEN 2,980,707
MEDINA-SELBY, ANGELICA 2,980,718
MEDLUMICS, S.L. 2,975,945
MEDTRADE PRODUCTS LIMITED 2,975,043
MEDTRONIC NAVIGATION, INC. 2,980,112
MEDTRONIC XOMED, INC. 2,974,508
MEGALLOY AG 2,980,499
MEHRTENS, PETER 2,980,106
MEHTA, KALPA 2,980,908
MEIJER, JASPER 2,979,586
MEIJI CO., LTD. 2,980,990
MEINERT, LENE 2,980,483
MEININGHAUS, MARK 2,979,926
MEISSNER, BERNARD J. 2,975,300
MEISWINKEL, ANDREAS 2,980,648
MELITTA SINGLE PORTIONS GMBH & CO. KG 2,980,370
MELLMAN, IRA 2,960,834
MELNICK, ARI 2,980,393
MELO, MICHAEL 2,980,363
MELOUL, RAPHAEL F. 2,980,685
MEMORIAL SLOAN KETTERING CANCER CENTER 2,980,393
MENON, ANIL 2,978,029
MENON, RAVI 2,980,376
MERRELL, RICHARD JAMES 2,980,703
MERSEN BENELUX BV 2,980,655
MERZ, FRIEDER W. 2,979,602
MESSA, GIANLUCA 2,980,366
MEZHERITSKY, ALEX 2,980,072
MICHAEL, CHRISTOPHER 2,979,848
MICHEL, MARK 2,980,459
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,960,933
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,960,935
MICHELS, AARON 2,980,940
MICROWAVE CHARACTERIZATION CENTER 2,980,216
MIGLIORANZO, IVANO 2,980,516
MIHRANYAN, ALBERT 2,979,939
MILANOV, ANDRIAN 2,980,254
MILBAR, MAREK 2,975,429
MILLER, IAN JAMES 2,976,199
MILLER, JOHN W. 2,980,917
MILLER, LANDON C.G. 2,974,016
MILLER, PETER C. 2,980,485
MILWAY, MICHAEL 2,980,679
MINERVA BIOTECHNOLOGIES CORPORATION 2,976,089
MIPS AB 2,980,412
MIPS AB 2,980,414
MISHIMA, MICHIAKI 2,980,270
MITCHELL, JAMES W. 2,980,468
MITCHELL, JAMES W. 2,980,472
MITRALIGN, INC. 2,979,817
MITRALTECH LTD. 2,973,940
MITSCH, FRANZ 2,979,761
MITSUBISHI CHEMICAL CORPORATION 2,980,529
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,980,711
MITSUBISHI HITACHI POWER SYSTEMS, LTD. 2,980,264
MITSUI, HIROYUKI 2,980,523
MITTER, NEENA 2,980,957
MITTEREGGER, MARKUS 2,979,954
MIYAMOTO, DAVID TOMOAKI 2,980,562
MIYATA, SHIGEO 2,980,469
MIYAZAKI, YASUNOBU 2,980,692
MIYOSHI, TOMOYA 2,980,259
MIZUSAWA, TAKASHI 2,980,850
MLADENOV, RADOSLAV 2,980,642
MODELL, JONAS 2,975,848
MOGNA, GIOVANNI 2,977,910
MOGRE, PARAG 2,979,949
MOHANAN, JAYA L. 2,973,955
MOHON, BRIAN ALLEN 2,978,705
MOISE, HERRIOT 2,980,434
MOKHTARI, SASAN 2,980,911
MOLECULAR PARTNERS AG 2,979,602
MOLL, DIETER 2,976,514
MOLTENI, DANIELE 2,978,715
MONDON, PHILIPPE 2,977,010
MONNET, CELINE 2,977,010
MONTANUNIVERSITAT LEOBEN 2,979,581
MONTERO HERRERO, ISABEL 2,973,088
MONTMINY, ARMAND THOMAS 2,980,304
MONTOYA ASHTON, LAURA 2,980,931
MOORE, BRYANT M. 2,976,519
MOORE, CHRIS 2,977,115
MOORE, MICHAEL 2,980,538
MORADIAN, ALA 2,980,790
MOREHOUSE III, DARRELL L. 2,974,640
MOREHOUSE III, DARRELL L. 2,974,662
MORENO MAGDALENO, ANA MARIA 2,980,506
MORGAN, RONNIE GLEN 2,974,105
MORGOS, MARCIN 2,974,968
MORGOS, MARCIN 2,975,050
MORI, MICHIKO 2,980,712
MORITA, YASUHIRO 2,980,259
MORPHO B.V. 2,980,265
MORRIS, BRYANT ALAN 2,974,640
MORRIS, BRYANT ALAN 2,974,662
MORRIS, JOHN A. 2,979,502
MORRISS, ZACHARY 2,980,305
MORROW, MATTHEW 2,980,308
MORSEY, MOHAMAD 2,980,087
MOSTEGEL, FLORIAN 2,979,581
MOTOROLA SOLUTIONS, INC. 2,975,621
MOURITZEN, PETER 2,976,577
MOUSER, MICHAEL JAMES 2,976,401
MPOFU, SHEPHARD 2,960,754
MSC ACCESSORIES CORP. 2,980,762
MUCKELRATH, BRETT L. 2,980,464
MUELLER, JASON 2,976,380
MUENSTER, UWE 2,979,926
MUHLFELLNER, HELMUT 2,975,425
MUHR, NICOLAS 2,980,219
MULLER, EGBERT 2,979,486
MULLER, MATHIAS 2,980,367
MULTIMATIC INC. 2,980,466
MUNCH, HENRIK KOFOED 2,979,950
MUNRO, IAN M. 2,959,605
MUNRO, LONNA 2,975,899
MURAHARI, SAIVARAPRASAD 2,980,951
MURAKAMI, MASANORI 2,980,259
MURRAY, BRUCE S. 2,980,793
MURTHA, DONALD J. 2,980,543

MURTHY, NAGARATHINAM SHENBAGA 2,980,404
MURTHY, NAGARATHINAM SHENBAGA 2,980,411
MUTABILIS 2,980,085
MUTABILIS 2,980,109
MUTABILIS 2,980,395
MUTUALINK, INC. 2,974,961
MUTUALINK, INC. 2,975,296
MYDLIL, VACLAV 2,979,983
MYERS, ANDREW G. 2,980,315
MYRSET, ASTRID HILDE 2,980,104
MYSORE, SUDHESH 2,975,265
NADALIN, ERIC 2,977,115
NAGABANDI, NIRUP K. 2,980,023
NAGALE, SANDRA 2,979,247
NAGAMINE, HIROSHI 2,980,435
NAGLE, GREGORY A. 2,975,683
NAIR, AJAY 2,975,522
NAKAGAWA, DAISUKE 2,980,268
NAKAGAWA, HIDETO 2,980,525
NAKAGAWA, HIDETO 2,980,691
NAKAHAMA, HIDENARI 2,980,416
NAKAMURA, NAOFUMI 2,979,675
NAKANISHI, GREGORY 2,974,904
NAKANO, TAKUMA 2,980,426
NAKAZONO, HAYATO 2,980,435
NAM, MYRA 2,974,550
NAMBIAR, RAKESH 2,975,280
NANOPRECISION PRODUCTS, INC. 2,978,955
NANTKWEST, INC. 2,980,592
NAPIER, RORY ARCHIBALD 2,979,540
NARAYANAN, SATYAMURTHI 2,980,801
NAVICKAS, VAIDOTAS 2,975,783
NAVICKAS, VAIDOTAS 2,975,785
NAZARBAYEV, NURSULTAN ABISHEVICH 2,980,499
NEC CORPORATION 2,975,239
NEKHAMKIN, MICHAEL 2,976,523
NEOMED, INC. 2,974,115
NESER, MORNE 2,976,396
NESTEC S.A. 2,973,659
NESTEC S.A. 2,976,154
NETFLIX, INC. 2,976,246
NEW WAY MACHINE COMPONENTS, INC. 2,979,553
NEXMO, INC. 2,977,115
NGUYEN, HUNG-ANH 2,979,600
NGUYEN, TRUONG-KHOA 2,976,396
NHK SPRING CO., LTD. 2,980,422
NHK SPRING CO., LTD. 2,980,524
NHK SPRING CO., LTD. 2,980,526
NI, MELVIN S. 2,980,324
NI, MELVIN S. 2,980,330
NICIRA, INC. 2,974,535
NICOLAI, BART 2,979,932
NICOLAS, SERGE 2,974,765
NICOLAS, SERGE 2,974,766
NICOLOFF, WILLIAM JOHN 2,980,303
NIJSSE, JEROEN 2,979,599
NIKIFORUK, COLIN F. 2,980,398
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,980,530
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,980,692
NISHIKAWA, MASAHARU 2,974,001
NISHIMURA, TATSUYA 2,980,526
NISSHIN STEEL CO., LTD. 2,979,675
NISSHIN STEEL CO., LTD. 2,980,419
NISSHINBO MECHATRONICS INC. 2,980,416
NISTICA, INC. 2,975,307
NIWATE, YOGESH SURESH 2,980,404
NIWATE, YOGESH SURESH 2,980,411
NOCEK, JAMES EDWARD 2,980,922
NOIROT LE BORGNE, ISABELLE 2,980,664
NOIROT, JEAN-BAPTISTE 2,977,084
NOLAX AG 2,979,764
NOR, YUSILAWATI AHMAD 2,980,957
NORDAHL, EMMA 2,976,003
NORDAHL, EMMA 2,976,016
NORDGREN, ANDERS 2,979,505
NORGREN, SUSANNE 2,979,505
NORSE OILTOOLS AS 2,980,242
NORTH AMERICAN WAVE ENGINE CORPORATION 2,980,280
NORTHROP GRUMMAN LITEF GMBH 2,980,420
NORTHROP GRUMMAN LITEF GMBH 2,980,497
NOURAEI, SEYED AHMAD REZA 2,980,520
NOURAEI, SEYED AHMAD REZA 2,980,521
NOVARTIS AG 2,960,754
NOVARTIS AG 2,960,824
NOVARTIS AG 2,960,971
NOVARTIS AG 2,973,696
NOVARTIS AG 2,980,545
NOVIMMUNE SA 2,979,486
NUBENT PTY LTD 2,980,605
NUCLERA NUCLEICS LTD 2,975,789
NYE, JAMES ELLIS 2,975,701
O'DOWD, JOHN 2,980,392
O'KEEFFE, DANIEL 2,980,713
O'NEIL, DOMINIC 2,980,120
O'REILLY, CONOR 2,980,241
O'REILLY, CONOR 2,980,271
O'REILLY, MEAGHAN 2,980,976
OBERT, MIKE 2,980,401
OELLERICH, PAUL HOWARD 2,905,831
OEREGAARD, GUNNAR 2,976,296
OERLIKON METCO AG, WOHLEN 2,977,882
OESTERREICHER, ANDREAS 2,979,581
OGAWA, TOSHITAKA 2,980,683
OGITA, KOICHIRO 2,980,525
OGUNNIYI, ABIODUN DAVID 2,980,616
OH, DANIEL, S. 2,980,709
OH, JEONG 2,980,765
OH, YOUNG-HO 2,975,981
OHSUGI, SHIGERU 2,956,561
OJEMANN, JEFFREY G. 2,980,917
OKADA, HIDEKI 2,980,422
OKADA, HIDEKI 2,980,524
OKAMOTO, TAKUYA 2,980,264
OLMI S.R.L. 2,980,516
OLAH, GEORGE A. (DECEASED) 2,973,572
OLDEWURTEL, KASSEN 2,980,367
OLDFIELD, SAMANTHA DALE 2,980,521
OLDFIELD, SAMANTHA DALE 2,980,539
OLDFIELD, SAMANTHA DALE 2,980,849
OLEA OREGI, ENEKO 2,974,885
OLENIK, BRITTA 2,979,926
OLENIK, BRITTA 2,980,071
OLMARKER, KJELL 2,980,243
OLSON, KURT G. 2,968,549
OLSON, MARC STEPHEN 2,980,171
OMEROS CORPORATION 2,980,801
OMNI VALVE COMPANY, LLC 2,980,437
OMYA INTERNATIONAL AG 2,980,389
ONGCHIN, DERRICK 2,980,456
OPEN ACCESS TECHNOLOGY INTERNATIONAL, INC. 2,980,911
OPTIMEDICA CORPORATION 2,976,025
ORDENTLICH, PETER 2,980,297
OREGON HEALTH & SCIENCE UNIVERSITY 2,976,245
ORLU, ALAIN 2,978,429
ORNTOFT, TORBEN 2,976,577
ORTE SEBASTIAN, JULIAN 2,980,634
ORTEGA MOLINA, ANA 2,980,393
ORTHO CLINICAL DIAGNOSTICS, K.K. 2,980,718
ORTHO-CLINICAL DIAGNOSTICS, INC. 2,980,718
ORTIZ, GUILLAUME 2,974,766
OSADA, YUJI 2,980,259
OSHIDA, KEIYU 2,980,259
OSIRIS THERAPEUTICS, INC. 2,980,316
OSRAM GMBH 2,980,496
OSTROV, DAVID 2,980,940
OTA, SHUSAKU 2,980,247
OTA, SHUSAKU 2,980,250
OTA, SHUSAKU 2,980,252
OTA, SHUSAKU 2,980,424
OTA, SHUSAKU 2,980,983
OTA, YOSHIAKI 2,980,252
OTT, MARTINA 2,979,506
OTVOS, JAMES D. 2,960,822
OUNINKORPI, TIMO 2,980,025
OUYANG, JEFFREY 2,980,174
OVAERE, PETER JACQUES 2,980,655
OZAKI, HIDENORI 2,980,525
OZAKI, YOSHITOMO 2,980,440
OZSOLAK, FATIH 2,976,576
P2A MEDICAL 2,978,429
PACZKOWSKI, LYLE WALTER 2,976,033
PADIA, ASHISH 2,973,990
PAHNKE, JAN 2,980,370
PALAG, SOLEDAD 2,976,154
PALINI, ELISABETTA 2,979,770
PALOHEIMO, MARJA 2,976,021
PALUSZKIEWICZ, EWA MARIA 2,980,084
PALYS, LEONARD H. 2,980,436

PALYS, LEONARD H. 2,980,448
PAN, PENG 2,980,871
PANG, JIEBIN 2,973,887
PANICHEVA, SVETLANA 2,980,966
PANTHER, ALEXANDER GYLES 2,980,604
PAPAGIAKOUMOU, EIRINI 2,979,592
PARANTA BIOSCIENCES LIMITED 2,980,611
PARATEK PHARMACEUTICALS, INC. 2,980,727
PARDHAN, RAHIM 2,980,305
PARI PHARMA GMBH 2,979,498
PARIKH, SARITA 2,980,031
PARIN, THIBAULT 2,977,084
PARK, STEVEN W. 2,979,533
PARKER, JOHN LOUIS 2,980,482
PARKER, JOHN W. 2,980,363
PASCUAL GILABERT, MARTA 2,979,596
PASCUAL, TERESITA BAUTISTA 2,976,154
PASQUET, DENIS 2,979,795
PASQUET, DENIS 2,979,956
PATEL, ANIL 2,980,520
PATEL, ANIL 2,980,521
PATHEON SOFTGELS INC. 2,980,165
PATIL, ABHISHEK PRAMOD 2,976,149
PATIL, ABHISHEK PRAMOD 2,976,151
PATIL, KIRAN 2,980,437
PATIL, SHAILESH 2,976,700
PATON, JAMES CLELAND 2,980,616
PATTERSON, HUBERT A. 2,976,772
PATTERSON, PATRICK 2,980,466
PAULLIN, JAYME L. 2,975,280
PAVLIDIS, IOANNIS 2,980,407
PAVLOVIC, RENATA 2,980,391
PAWLOWICZ, CHRISTOPHER 2,980,201
PAWLOWSKI, MICHAEL 2,975,986
PAYTON, MATTHEW JON 2,980,520
PAYTON, MATTHEW JON 2,980,521
PAYTON, MATTHEW JON 2,980,539
PAYTON, MATTHEW JON 2,980,849
PC-CUPS LTD. 2,980,626
PECK, DAVID MARK 2,980,703
PEDERSEN, STEVEN KRISTIAN 2,975,890
PELED, SHAHAR 2,980,685
PENA ARRUTI, JAVIER 2,980,634
PENG, XINGYU 2,980,636
PENG, XUEGANG 2,980,382
PENG, YANG 2,979,665
PENNECOT, GAETAN 2,980,305
PEPSICO, INC. 2,980,434
PEPSICO, INC. 2,980,465
PERALBA, MAGALIE 2,975,499
PEREIRA ALMAO, PEDRO 2,980,626
PEREIRA COTA, AMELI SOFIA 2,980,626
PEREZ DE LA HOZ, SANTIAGO 2,980,103
PEREZ GOLF, CARMELO 2,979,960
PEREZ OZCARIZ, SERGIO 2,979,596
PEREZ-VICTORIA MORENO DE BARREDA, IGNACIO 2,980,267
PERO, MICHAEL A., III 2,980,258
PERRIN, CLAUDE 2,974,887
PERSILLON, QUITTERIE 2,974,765
PERSSON, KATARINA 2,979,511
PESCHEL, MICHAEL 2,980,244
PESCOVITZ, ERIC FRANK 2,980,077
PETERS, EUGENE MAX, JR. 2,980,561
PETERS, MALTE 2,960,824
PETERS, VOLKER 2,980,309
PFEIFER, CHERYL GURINE 2,975,899
PHASOR SOLUTIONS LIMITED 2,977,013
PHILLIPS MEDICAL, LLC 2,979,670
PHILLIPS, CHRIS 2,976,026
PHILLIPS, DOUGLAS 2,979,602
PHILLIPS, VICTOR MATTHEW 2,979,670
PICHLER, MARKUS 2,979,954
PICKER, LOUIS 2,976,245
PIERRE FABRE DERMO-COSMETIQUE 2,979,611
PIEST, MARTIN 2,980,165
PINCHUK, LEONARD 2,980,577
PIRKL, HANS-GEORG 2,977,869
PIRZADEH, KIUSHAN 2,980,768
PISCINES DESJOYAUX SA 2,977,084
PISKLAK, THOMAS 2,974,105
PITIO, WALTER MICHAEL 2,980,196
PLANTUI OY 2,980,399
PLOGSTIES, JAN 2,979,598
PODGORSKI, MICHAEL 2,972,170
POHLE, SVEN 2,980,388
POHLIG, RALF 2,977,869
POIGNAND, JEAN-PAUL 2,976,358
POIGNAND, JEAN-PAUL 2,976,362
POLIMON OLABARRIETA, CARLOS 2,980,959
POLITECHNIKA GDANSKA 2,980,084
POLITECNICO DI MILANO 2,980,519
POLLICK, RICHARD 2,979,553
POMERING, AMY LOUISE 2,980,414
PONG, RUSSELL 2,980,740
PONSILUOMA, JARI 2,979,511
PORTER, MICHAEL A. 2,980,561
POSTERT, TANNER 2,977,130
POTHURU, SRINIVASARAO 2,980,404
POULETTY, PHILIPPE 2,974,053
POUYLLAU, HELIA 2,980,492
POUYLLAU, HELIA 2,980,656
POWELL, WILLIAM S. 2,980,221
PPG INDUSTRIES OHIO, INC. 2,968,549
PRADZYNSKI, KRZYZTOF 2,975,265
PRAKASH, G.K. SURYA 2,973,572
PREMACHANDRAN, RAMAN 2,980,908
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,980,287
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,980,315
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,980,504
PREVILLE, CATHY 2,960,791
PRICE, KAREN 2,960,819
PRILL, JONATHAN 2,980,195
PRIMROSE, KENNETH 2,960,931
PROBIOTICAL S.P.A. 2,977,910
PROJECT MORAY, INC. 2,980,745
PROTZER, ULRIKE 2,979,826
PTX TECHNOLOGIES INC. 2,980,398
PUBLIC UNIVERSITY CORPORATION NAGOYA CITY UNIVERSITY 2,980,507
PUJARI, SASWATI 2,976,914
PUNT, PETER 2,976,021
PURAC BIOCHEM BV 2,979,586
PURAC BIOCHEM BV 2,979,587
PURAC BIOCHEM BV 2,979,589
PURANEN, TERHI 2,976,021
PURANIK, VIJAYALAKSHMI RAVI 2,980,404
PURDUE, LAURA 2,980,679
PURKAYASTHA, NIRUPAM 2,980,028
PUTNAM, NICHOLAS H. 2,976,902
PYLVAENAEINEN, TIMO 2,974,550
Q-MED AB 2,980,645
QIAGEN GMBH 2,980,120
QIN, YILEI 2,980,233
QINGDAO KINGAGROOT CHEMICAL COMPOUNDS CO., LTD 2,980,382
QIU, CHANGHUA 2,960,931
QU, BOLEI 2,976,050
QU, LIANGWEI 2,979,665
QUALCOMM INCORPORATED 2,974,991
QUALCOMM INCORPORATED 2,975,408
QUALCOMM INCORPORATED 2,976,149
QUALCOMM INCORPORATED 2,976,151
QUALCOMM INCORPORATED 2,976,700
QUALCOMM INCORPORATED 2,976,818
QUALCOMM INCORPORATED 2,976,820
QUALCOMM INCORPORATED 2,976,827
QUALCOMM INCORPORATED 2,976,828
QUEST DIAGNOSTICS INVESTMENTS INCORPORATED 2,980,327
QUINTANA ANGULO, JOSE RAMON 2,976,136
QUINTERO, JOSE ALEJANDRO RODRIGUEZ 2,980,779
QURIENT CO., LTD 2,980,652
RAAB, R. MICHAEL 2,980,937
RABOSO GARCIA-BAQUERO, DAVID 2,973,088
RABURN, DANIEL LOUIS 2,979,994
RADICH, ROSEMARY YEILDING 2,971,441
RADTKE, ARNOLD 2,979,584
RAGNARSSON, MICAEL 2,980,389
RAICHMAN, YOSSEF 2,980,260
RAINGEAUD, JOEL 2,979,812
RAISSINIA, ALIREZA 2,976,149
RAISSINIA, ALIREZA 2,976,151
RAJAGOPAL, ARUN 2,976,033
RAJAGOPAL, SELVASUNDARAM 2,976,866
RAKOWSKI, PHILIP EDWARD 2,980,155
RALPH, STEPHEN 2,980,622
RAMLAT LIMITED 2,975,848
RAMURTHY, SAVITHRI 2,960,971
RANA, SHAHZIL 2,976,396

RAPOLD, HAUKE THOMAS 2,979,949
RATHBUN, TAMI L. 2,980,570
RATNER, EDWARD 2,979,994
RAUBO, ROMAN 2,975,635
RAUCH, ANTOINE 2,980,232
RAUWALD, URS 2,977,909
RAVINEL, BAPTISTE 2,975,581
RAVINOOTHALA, SREERAM 2,974,535
REALM THERAPEUTICS, INC. 2,980,966
REBH, JR., WILLIAM ROBERT 2,979,670
RECH, JASON C. 2,960,968
RECH, JASON C. 2,960,972
REDDY KARNATI, LAXMA 2,980,801
REEDY, JEREMY 2,980,485
REGENERON PHARMACEUTICALS, INC. 2,976,669
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,974,964
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,974,969
REGION MIDTJYLLAND 2,976,577
REINHARD, ROBERT 2,980,505
RELIANCE INDUSTRIES LIMITED 2,980,404
RELIANCE INDUSTRIES LIMITED 2,980,411
REM BRANDS, INC. 2,974,980
REMD BIOTHERAPEUTICS, INC. 2,980,765
REMEN, LUBOS 2,980,100
REMENSCHNEIDER, AARON K. 2,980,504
REMON HIGUERA, JAIME 2,980,959
REN, HUGANG 2,980,545
REN, ZHIGUO 2,979,359
RESEARCH DEVELOPMENT FOUNDATION 2,976,236
RESEARCH FRONTIERS INCORPORATED 2,980,921
REUL, BERNHARD 2,980,126
REYES BENITEZ, JOSE FERNANDO 2,980,267
REYNOLDS, JENNIFER ANN 2,976,026
REYTIER, MAGALI 2,980,664
RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN 2,980,642
RHODES, ANDY 2,979,590
RHODES, ANDY 2,979,591
RHODIA OPERATIONS 2,980,508
RHODIA OPERATIONS 2,980,510
RHODIA OPERATIONS 2,980,513
RIBBECK, KARL-MARTIN 2,980,503
RIBEZZO, MARCO 2,960,933
RIBEZZO, MARCO 2,960,935
RICCI, FRANCESCO 2,976,861
RICE, BRANDON J. 2,976,902
RICHARD, JEAN-FRANCOIS 2,976,396
RICHARD, SEBASTIEN 2,980,085
RICHARD, SEBASTIEN 2,980,109
RICHARD, SEBASTIEN 2,980,395
RICHARDS, HANNO 2,960,754
RICHARDSON, THOMAS MARK 2,980,842
RICHMOND, JOSHUA LEE 2,980,604
RICHTER, BODO 2,980,098
RICHTER, GUNTER 2,980,098
RICKERT, JEFFREY S. 2,979,987
RIDER, ANDREW JAMES PHILLIP 2,980,700
RIES, JEFFREY R. 2,974,640
RIES, JEFFREY R. 2,974,662
RIGSHOSPITALET COPENHAGEN UNIVERSITY HOSPITAL 2,979,919
RIO TINTO ALCAN INTERNATIONAL LIMITED 2,980,248
RITTIG, FRANK 2,975,783
RITTIG, FRANK 2,975,785
RIVOLTA, VITTORIO 2,975,499
RIZKALLA, NABIL 2,981,009
RIZZI, ENRICO 2,980,070
ROAL OY 2,976,021
ROBERTS, BRUCE RICHARD 2,979,409
ROBERTS, BRUCE, RICHARD 2,978,463
ROBICHEAU, RICHARD E. 2,980,304
ROBINSON, JASON 2,979,817
ROCHE, OLIVIER CHRISTOPHE 2,979,662
ROCK, REZA M. 2,968,549
ROCKENFELLER, UWE 2,980,357
ROCKMORE, LOGAN 2,974,820
ROCKY RESEARCH 2,980,357
RODGERS, MATTHEW L. 2,974,946
ROEHL, INGO 2,976,427
ROGERS, DANIEL J. 2,980,538
ROHM AND HAAS COMPANY 2,980,631
ROHOL-AUFSUCHUNGS AKTIENGESELLSCHAFT 2,979,954
ROHRIG, SUSANNE 2,979,937
ROIDOT, CHANTAL 2,971,285
ROKACH, JOSHUA 2,980,221
ROKICKI, ANDRZEJ 2,981,009
RONG, ERIC 2,980,479
ROODENBURG, HENDRIK FICUS 2,979,984
ROOS, MATTEUS 2,979,989
ROPER, RICHARD ROBERT 2,980,017
ROQUETTE FRERES 2,976,734
ROQUETTE FRERES 2,976,859
ROSEN, ROBERT L. 2,980,128
ROSENBAUM, AMIR 2,980,739
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,975,425
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,975,795
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,980,654
ROSINGER, CHRISTOPHER HUGH 2,979,766
ROSNER, MANFRED 2,979,826
ROSOWSKI, JOHN 2,980,504
ROTH, MEINHART 2,979,581
ROTHMAN, STEVEN M. 2,980,917
ROTURIER, JEAN-MICHEL 2,976,734
ROUSTEL, SEBASTIEN 2,976,358
ROUSTEL, SEBASTIEN 2,976,362
ROUX, GUILHEM 2,980,664
ROUZBEHI, KUMARS 2,974,885
ROY, DANIEL A. 2,980,793
ROYAL BANK OF CANADA 2,980,196
ROYER, JOHN 2,980,649
RUBENBAUER, PHILIPP 2,980,071
RUBIO GUIVERNAU, JOSE LUIS 2,975,945
RUDIE, BRIAN J. 2,975,675
RUDOLPH, DALE A. 2,960,972
RUIZ, EDU 2,972,170
RUOTSALO, TUUKKA 2,980,228
RUPAR, TONY 2,980,376
RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG 2,975,952
RYE, PHILIP 2,980,104
RYLES, RODERICK 2,976,357
SABIN, DOUG 2,980,287
SACHA, JONAH 2,976,245
SADIQ, BILAL 2,976,700
SAEYEON, LEE 2,980,652
SAFRAN 2,972,170
SAFRAN 2,976,281
SAFRAN AIRCRAFT ENGINES 2,972,170
SAFRAN AIRCRAFT ENGINES 2,975,208
SAFRAN AIRCRAFT ENGINES 2,979,476
SAFRAN CERAMICS 2,976,281
SAFRAN TRANSMISSION SYSTEMS 2,979,952
SAFRAN TRANSMISSION SYSTEMS 2,980,430
SAGE, CELINE 2,977,084
SAHIN, UGUR 2,979,768
SAINI, GAGAN 2,980,276
SAINT-GOBAIN GLASS FRANCE 2,979,601
SAINT-GOBAIN GLASS FRANCE 2,979,604
SAINT-GOBAIN GLASS FRANCE 2,980,680
SAINT-GOBAIN GLASS FRANCE S.A. 2,980,126
SAITO, TATEHARU 2,980,469
SAJET, PHILIPPE 2,980,091
SAJET, PHILIPPE 2,980,410
SAKAMOTO, TERUKI 2,980,530
SAKO, DIANNE S. 2,980,757
SALA CUNILL, ANNA 2,980,103
SALAMONY, KEITH J. 2,979,987
SALFORD, LEIF 2,979,597
SALPIETRA, JORDAN 2,979,980
SALPIETRA, THOMAS G. 2,980,322
SALUDA MEDICAL PTY LTD 2,980,482
SALVADORE, GIACOMO 2,961,208
SALVATO, DOMINICK 2,980,465
SAMPSON, MARK 2,980,966

SAMSUNG ELECTRONICS CO., LTD. 2,975,981
SAMUEL, GEOFFREY A. 2,979,533
SANCHO DIAZ, PAULA 2,979,927
SANCHO DURA, JUAN 2,975,945
SANDOVAL, WENDY 2,980,189
SANDOZ, JEAN-LUC 2,980,630
SANDVIK INTELLECTUAL PROPERTY AB 2,979,505
SANDVIK INTELLECTUAL PROPERTY AB 2,979,511
SANKPAL, VIJAY 2,980,437
SARAVIA, HEBER 2,980,742
SAUDI ARABIAN OIL COMPANY 2,979,275
SAVAGE, JUSTIN 2,972,980
SAVEANT, PIERRE 2,980,492
SAVEANT, PIERRE 2,980,656
SAXE, ROBERT L. 2,980,921
SCHAEFGEN, MATTHEW POLLARD 2,980,582
SCHAFFNER, AUSTIN CARL 2,978,271
SCHALL, BERND 2,980,238
SCHATKE, SILVIO 2,980,126
SCHATZMAYR, GERD 2,976,514
SCHENDEL, DOLORES 2,979,493
SCHEPENS, PIETER-JAN PATRICK 2,980,655
SCHERL, FRANZ-XAVER 2,980,028
SCHILLING, HUGH 2,980,341
SCHIRMER, HEIKO 2,980,071
SCHLECKER, EVA-MARIA 2,980,390
SCHLEMMER, KARL-HEINZ 2,979,937
SCHLIWA-BERTLING, PAUL 2,975,083
SCHLOSSER, JEFFREY 2,980,725
SCHLUMBERGER CANADA LIMITED 2,978,715
SCHMIDT, GREGORY 2,978,022
SCHMIDT, JACK 2,980,541
SCHMOLDT, HANS-ULRICH 2,979,768
SCHNALL-LEVIN, MICHAEL 2,975,958
SCHNEEBECK, WOLFRAM 2,980,427
SCHNEEWEISS, ANDREAS 2,975,952
SCHNEIDER, DAVID J. 2,974,980
SCHNEIDER, JOHN BRIAN 2,980,079
SCHNEIDER, JOHN BRIAN 2,980,155
SCHNEIDER, MARTHA 2,979,826
SCHOCKEMOEHL, CARY 2,980,966
SCHOELKOPF, JOACHIM 2,980,389
SCHOFBERGER, TOBIAS 2,980,244
SCHOFIELD, JOHN BRADFORD 2,980,489
SCHOLTEN, ARJEN 2,979,771
SCHOLZ, ARNE 2,980,493
SCHOLZ, ARNE 2,980,507
SCHOLZ, PATRICK 2,979,509
SCHONFELD, DORIAN 2,980,390
SCHOOR, OLIVER 2,979,506
SCHOTTE, PETER 2,975,810
SCHREIBER, SVEN 2,980,318
SCHREIBER, WALTER 2,980,680
SCHRITTER, JOHANNA 2,979,954
SCHROER, STEFANIE 2,980,120
SCHULTE, BRADLEY D. 2,980,931
SCHULTZ-FADEMRECHT, CARSTEN 2,980,652
SCHULZ, JOHANNES 2,980,126
SCHUNK, STEPHAN ANDREAS 2,972,828
SCHWAB, EKKEHARD 2,980,254
SCHWANTES, TODD ARLIN 2,980,193
SCHWARTZ, ROBERT M. 2,980,568
SCHWARTZ, SCOTT J. 2,980,436
SCHWARTZ, SCOTT J. 2,980,448
SCHWITZGUEBEL, THIERRY 2,960,832
SCIENTIFIC DESIGN COMPANY, INC. 2,981,009
SCINOPHARM TAIWAN, LTD. 2,962,383
SCOREVISION, LLC 2,980,501
SCOTT, CARLOS EDUARDO 2,980,626
SCOTT, JEFFREY 2,960,824
SEAH, SUE ANN 2,976,312
SEB S.A. 2,980,219
SEDONASYS SYSTEMS LTD 2,980,834
SEIBER, RUSSELL A. 2,980,740
SEIBERT, TIM MARTIN 2,976,292
SEIN, ARJEN 2,980,261
SEIPLE, IAN BASS 2,980,315
SEKELJA, MONIKA 2,980,637
SEKINE, SHINICHIRO 2,980,268
SEKISUI CHEMICAL CO., LTD. 2,980,712
SEMET, YANN 2,980,492
SEMET, YANN 2,980,656
SENSIENT FLAVORS LIMITED 2,975,954
SENTREHEART, INC. 2,980,740
SEOHYUN, AHN 2,980,652
SEREDAY, DANIEL 2,979,848
SERKH, ALEXANDER 2,980,307
SETO, KELLY KAI YIN 2,980,624
SEURAT, FREDERIC 2,980,219
SEYFFARTH, MARCUS 2,980,412
SEYFFARTH, MARCUS 2,980,414
SHAH, MRINAL 2,974,120
SHAH, VAISHALI 2,960,819
SHALAUROVA, IRINA Y. 2,960,822
SHALOM, EITAN 2,980,830
SHAM, WELLEN 2,979,965
SHANGGUAN, YAN 2,980,222
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 2,976,050
SHANGHAI YINGLI PHARMACEUTICAL CO., LTD 2,980,484
SHANLEY, JOHN F. 2,980,443
SHARAK, MATTHEW L. 2,980,300
SHARMA, SADHANA 2,961,166
SHARMA, SANJEEV 2,980,768
SHARPE, HAYLEY 2,975,875
SHASTRY, VISHWANATH 2,980,768
SHAWCOR LTD. SHAWCOR LTEE 2,980,377
SHEEHAN, MARK 2,980,195
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,979,960
SHER, ALEXANDER 2,976,154
SHERMAN, JAMES ANDREW 2,976,165
SHERSTAD, MATTHEW CARLYLE 2,980,555
SHEVELL, DIANE 2,960,819
SHI, JIM 2,980,765
SHI, LIU 2,979,665
SHI, RIJIAN 2,980,479
SHI, WEI 2,975,715
SHIGEYASU, KUNITOSHI 2,979,992
SHIMAMURA, JUNJI 2,980,247
SHIMAMURA, JUNJI 2,980,250
SHIMAMURA, JUNJI 2,980,424
SHIMAMURA, JUNJI 2,980,983
SHINJO, SACHIKO 2,980,268
SHIRAKI, MOTOHIRO 2,980,259
SHIRAZI, JACK 2,977,115
SHIREMAN, BROCK T. 2,960,791
SHIKOLNIK, VLADIMIR SERGEYEVICH 2,980,499
SHLUZAS, ALAN E. 2,980,443
SHOEMAKER, J. KEVIN 2,980,376
SHOLEV, MORDEHAI 2,980,685
SHORT BROTHERS PLC 2,980,230
SHORT, GLYN DAVID 2,979,588
SHU, LIN 2,980,952
SHYU FUU INDUSTRIAL CO., LTD. 2,980,797
SIDHPURIA, KALPESHKUMAR BHIKHUBHAI 2,980,404
SIEMENS AKTIENGESELLSCHAFT 2,979,949
SIEMENS AKTIENGESELLSCHAFT 2,980,489
SIEMENS INDUSTRY, INC. 2,975,986
SIEMENS INDUSTRY, INC. 2,980,364
SIEMENS INDUSTRY, INC. 2,980,547
SIENDT, HERVE 2,980,100
SIEROCUK, THOMAS J. 2,974,508
SIESS, THORSTEN 2,980,518
SIGHT SCIENCES, INC. 2,980,713
SIGNODE INDUSTRIAL GROUP LLC 2,980,352
SIJBERS, JAN 2,979,932
SIKULJAK, TATJANA 2,978,029
SIKULJAK, TATJANA 2,980,505
SILLINCE, MARK 2,980,319
SIMON, BARRY J. 2,980,592
SIMON, CHRISTOPHE 2,980,085
SIMON, CHRISTOPHE 2,980,109
SIMON, CHRISTOPHE 2,980,395
SIMONEAU, MICHAEL J. 2,976,025
SIMPSON STRONG-TIE COMPANY, INC. 2,905,831
SINCLAIR, STEVEN MICHAEL 2,980,316
SINES, IAN 2,980,641
SINGH, D. PAUL 2,943,311
SINGH, HARPREET 2,979,506
SINGH, JASKARAN 2,961,208
SINGH, PARMINDER 2,959,506
SINGHAMMER, MARTIN 2,975,795
SINGLES, MICHAEL 2,972,980
SINNEMA, JURJEN 2,980,408
SIVALINGAM, SELVANATHAN 2,980,489

SJOGREN, HANS-OLOV 2,979,597
SKARBALIENE, JOLANTA 2,979,950
SKWARSKA, ANNA 2,980,084
SKYLAR-SCOTT, MARK A. 2,980,504
SLADIC, JOHN A. 2,980,533
SLOVAK, STEVEN M. 2,980,921
SLUTSKER, ILLYA WILLIAM 2,980,911
SMAGGHE, BENOIT 2,976,089
SMITH & NEPHEW PLC 2,980,511
SMITH & NEPHEW, INC. 2,979,418
SMITH, ALEXANDER 2,975,850
SMITH, EUGENE TIRRELL 2,973,756
SMITH, LOGAN 2,979,830
SMITH, MICHAEL 2,980,310
SMITH, MICHAEL P. 2,979,877
SMITH, PAUL 2,979,848
SMITH, RICK 2,980,935
SMYTH, MATTHEW 2,980,917
SNODGRASS, RICHARD T. 2,980,333
SOARES MENDES, FILIPA CRISTINA 2,979,586
SOC CORPORATION 2,980,683
SOEI-KEN TJON, JOAN CLAUDIA MAUREEN 2,960,948
SOERENSEN, KIM IB 2,976,296
SOFFIATTI, RENZO 2,975,967
SOJKA, MILAN FRANZ 2,980,282
SOLAE LLC 2,976,380
SOLOMON, ETHAN 2,980,966
SOMMER, ROMAN 2,980,406
SONARMED INC. 2,980,318
SONDEREGGER, IVO 2,979,602
SONDERMANN, UDO 2,980,235
SONG, HAO 2,980,957
SONG, TAO 2,974,904
SONG, XINGYONG 2,980,277
SONITRACK SYSTEMS, INC. 2,980,725
SONOCO DEVELOPMENT, INC. 2,973,756
SONTAG, GLENNON C. 2,975,622
SONY CORPORATION 2,980,780
SORENSEN, DALSGAARD KARINA 2,976,577
SORKIN, ALEXANDER 2,980,201
SOYODE-JOHNSON, AKINOLA 2,960,972
SPAHLINGER, GUNTER 2,980,420
SPAHLINGER, GUNTER 2,980,497
SPALENKA, JOSEF 2,975,619
SPAMPATTI, MATTEO 2,979,509
SPECKMAN, LORI C. 2,974,508
SPENCE, CALLUM JAMES THOMAS 2,980,539
SPENCE, CALLUM JAMES THOMAS 2,980,849
SPERLING, TANYA 2,980,120
SPICER, DAVID B. 2,971,073
SPIESS, CHRISTOPH 2,980,189
SPITZER, COREY 2,980,501
SPRINT COMMUNICATIONS COMPANY L.P. 2,976,033
SPROEWITZ, MICHAEL 2,979,509
SPURR, PAUL 2,980,407
SRINIVASAN, SANJAY 2,977,130
SRIVASTAVA, CHANDRA 2,980,768
STABROWSKI, VINCENT 2,980,248
STACHNIK, MIECZYSLAW MICHEL 2,973,767
STAEBEN, ERIN M. 2,980,752
STAEBEN, JAMES AARON 2,980,752
STAGG, DAVID 2,980,127
STAMPFUSS, JAN 2,979,937
STANDAERT, GEERT NORBERT R. 2,974,562
STANGANELLI, KERRI 2,980,282
STANGELAND, JAN 2,980,242
STANWOOD, SHAWNA ROSE 2,975,899
STAYBLE THERAPEUTICS AB 2,980,243
STEESE-BRADLEY, GARY 2,980,443
STEFFEN WEISS, MARTIN 2,980,407
STEGEMOELLER, CALVIN L. 2,978,271
STEGMANN, ANTONIUS JOHANNES HENRIKUS 2,960,948
STEHLE, JOHN HENRY 2,980,546
STEIN, ADAM 2,974,047
STEIN, CHRISTOPH 2,980,642
STEINER, DANIEL 2,979,602
STEINER, PATRICK 2,979,764
STEINMAN, DAVID 2,980,378
STELLING, BERND 2,979,601
STELLING, BERND 2,979,604
STEVENSON, MATHEW 2,980,621
STEWART, CHRISTOPHER SCOTT 2,980,017
STEWART, COLE 2,980,653
STEWART, TANYA CHARYK 2,980,376
STIFTER, TRAVIS GERALD 2,976,014
STITES, JONATHAN C. 2,976,902
STITOU, DRISS 2,980,400
STOCKMEYER, BERNHARD 2,980,642
STONEAGE, INC. 2,974,742
STORESUND, JAN ROAR 2,980,853
STROEMAN, PER 2,976,296
STRUCK, DETLEF 2,980,427
STRYKER EUROPEAN HOLDINGS I, LLC 2,980,132
STUMPP, MICHAEL T. 2,979,602
SUBHEDAR, VINIT V. 2,974,528
SUBRAMANIAN, SRIRAM 2,976,312
SUBRAMANIAN, SRIRAM 2,976,319
SUCHANEK, WOJCIECH L. 2,981,009
SUCHARD, SUZANNE 2,960,819
SUGAWARA, MASATO 2,980,422
SUGAWARA, MASATO 2,980,524
SUMAN, SUMIT 2,977,115
SUMITOMO METAL MINING CO., LTD. 2,980,440
SUMITOMO METAL MINING CO., LTD. 2,980,523
SUN, HAO 2,968,549
SUN, HE 2,980,225
SUN, HE 2,980,229
SUN, HE 2,980,231
SUN, QINGRUI 2,980,484
SUN, ZHIYONG 2,980,679
SUNDBERG, MARTEN 2,975,083
SUNDERMANN, ANDREAS 2,972,828
SUNNYBROOK RESEARCH INSTITUTE 2,980,976
SUNTHARALINGAM, PIRANAVAN 2,980,787
SUPERFEET WORLDWIDE, INC. 2,975,649
SURGICAL SAFETY TECHNOLOGIES INC. 2,980,618
SURJAATMADJA, JIM BASUKI 2,978,271
SUSEN, SOPHIE 2,980,232
SUSSMEIER, FRANK 2,980,646
SUTTER, DAVID 2,980,501
SUTTON, BRIAN J. 2,974,640
SUTTON, BRIAN J. 2,974,662
SUZUKI, AKIHIKO 2,980,426
SUZUKI, TOYOAKI 2,980,696
SWAN, SCOT A. 2,980,436
SWAN, SCOT A. 2,980,448
SWANSON, LYNNE 2,979,247
SWARNIK 2,975,957
SWEDISH MATCH NORTH EUROPE AB 2,980,256
SWELDENS, WIM 2,976,437
SWITZER, ELISE 2,975,167
SWORDS, KATHLEEN 2,976,866
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,980,604
SYNDAX PHARMACEUTICALS, INC. 2,980,297
SYSTEMS AND SOFTWARE ENTERPRISES, LLC 2,976,911
SZENDROVICS, SYLVIE 2,974,765
SZKLANY, CRAIG R. 2,976,772
T3D THERAPEUTICS, INC. 2,980,296
TACKLIND, CHRISTOPHER A. 2,980,725
TAFT, BENJAMIN R. 2,960,971
TAGHIPOUR, ATA 2,980,620
TAKAHASHI, KAZUE 2,980,329
TAKAHASHI, KEI 2,980,259
TAKAHASHI, KEN 2,980,422
TAKAHASHI, KEN 2,980,524
TAKAISHI, KAZUYUKI 2,980,440
TAKAYANAGI, KAZUO 2,980,429
TAKEMATSU, ATSUSHI 2,980,696
TAKEUCHI, MANABU 2,980,426
TALATI, MAYUR NAVINCHANDRA 2,980,404
TALATI, MAYUR NAVINCHANDRA 2,980,411
TALLBERG, LARS ERIK 2,980,073
TAMEZANE, TAKUMI 2,980,530
TAMINCO FINLAND OY 2,976,302
TANAKA, S. KEN 2,980,727
TANAKA, YOSHINORI 2,980,984
TANIMOLA, OLANREWAJU W. 2,960,807
TANIOKA, ERI 2,980,691
TASLER, STEFAN 2,979,501
TASLER, STEFAN 2,979,503
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,980,225
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,980,231
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,980,229

TATA STEEL IJMUIDEN B.V. 2,979,923
TATE, STEPHEN A. 2,976,165
TATZEL, FRANK 2,980,654
TAVERNIER, JAN 2,980,651
TAVILDAR, SAURABHA RANGRAO 2,976,700
TAYLOR, KEITH 2,980,236
TE CONNECTIVITY CORPORATION 2,975,909
TECHINSIGHTS INC. 2,980,201
TECRES S.P.A. 2,975,967
TECSAN 2,980,630
TEIPEL, BLAKE 2,980,023
TEKNOLOGISK INSTITUT 2,980,483
TEKNOR APEX COMPANY 2,980,363
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,974,515
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,974,785
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,975,083
TELLER, HENRIK 2,979,937
TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,980,317
TENHOLDER, RODGER ALAN 2,973,660
TEOW, MARK KIM CHONG 2,980,871
TERASHIMA, ISAMU 2,980,695
TERBIUM LABS, INC. 2,980,538
TEREOS STARCH & SWEETENERS BELGIUM 2,975,499
TERJUNG, CARSTEN 2,979,926
TERRISSE, JEAN 2,976,732
TERSTEEGEN, ADRIAN 2,979,937
TESAT-SPACECOMO GMBH & CO. KG 2,973,088
TESSIER, MICKAEL 2,980,089
THAKUR, ABHIMANYU 2,980,911
THALER, TOBIAS 2,979,926
THALES 2,980,492
THALES 2,980,656
THALES DEUTSCHLAND GMBH 2,980,367
THAYER, DAN 2,980,443
THE GENERAL HOSPITAL CORPORATION 2,980,329
THE GENERAL HOSPITAL CORPORATION 2,980,562
THE GILLETTE COMPANY LLC 2,980,542
THE GILLETTE COMPANY LLC 2,980,548
THE GILLETTE COMPANY LLC 2,980,550
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,980,378
THE PENN STATE RESEARCH FOUNDATION 2,980,641
THE PROCTER & GAMBLE COMPANY 2,974,001
THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE 2,980,940
THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY 2,980,221
THE TEXAS A&M UNIVERSITY SYSTEM 2,980,023
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 2,980,709
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,980,308
THE UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INCORPORATED 2,980,940
THE UNIVERSITY OF QUEENSLAND 2,980,957
THE UNIVERSITY OF WESTERN ONTARIO 2,980,777
THISSEN, MATTHEUS HENDRIK LOUIS 2,979,984
THOMAS, DAVID GLYNN 2,975,715
THOMAS, DOUGLAS W. 2,980,527
THOMAS, DYLAN CHANDLER 2,975,522
THOMAS, STEPHEN 2,980,333
THOMPSON, GUY, II 2,980,287
THOMPSON, JAMES MICHAEL 2,980,171
THOMSEN, RONFELDT ANNI 2,976,577
THOUVENIN, NICOLAS 2,980,216
THULASINGAM, SIVAKUMAR 2,976,523
THUNDER POWER NEW ENERGY VEHICLE DEVELOPMENT COMPANY LIMITED 2,979,965
THURESSON, KRISTER 2,975,848
THURESSON, STAFFAN 2,975,848
THYSSENKRUPP AG 2,980,401
THYSSENKRUPP AG 2,980,409
THYSSENKRUPP ELEVATOR AG 2,980,401
THYSSENKRUPP INDUSTRIAL SOLUTIONS AG 2,980,409
TIAN, JUN 2,974,901
TIAN, WENTANG 2,980,223
TILLACK, JEFF 2,980,443
TITLBACH, SVEN 2,972,828
TITZ, ALEXANDER 2,980,406
TMA CAPITAL AUSTRALIA PTY LTD 2,980,476
TODOROVA, TANYA 2,980,562
TOKUNAGA, MASATOSHI 2,980,530
TOLYMBEKOV, MANAT ZHAKSYBERGENOVICH 2,980,499
TONER, MEHMET 2,980,562
TONETTO, LORENZO 2,980,137
TORAY INDUSTRIES, INC. 2,980,259
TORAY INDUSTRIES, INC. 2,980,461
TORNSTEN, JONAS 2,980,645
TORRENT POCH, MARC 2,980,103
TOSSENS, HERVE 2,979,922
TRANSLATE BIO MA, INC. 2,976,576
TRAUTWEIN, MARK 2,980,390
TROMBLEY, LOGAN MICHAEL 2,980,304
TROTTA, FREDERICK J. 2,980,311
TUNIUS, MATS 2,975,936
TURENNE, SYLVAIN 2,972,170
TURNER, MATTHEW 2,980,166
TYCO FIRE & SECURITY GMBH 2,976,772
UBER TECHNOLOGIES, INC. 2,974,550
UBER TECHNOLOGIES, INC. 2,974,820
UBER TECHNOLOGIES, INC. 2,980,456
UCHIDA, MASAYUKI 2,980,990
UCKERT, WOLFGANG 2,979,493
UCL BUSINESS PLC 2,975,850
UDAGAWA, SHUJI 2,980,259
UIJEN, HENRIETTE MARIA WILHELMINA JACOBA CATHARINA 2,980,261
ULLETT, JAMES M. 2,974,645
ULRICH, DREW EUGENE 2,980,305
ULTRAHAPTICS IP LIMITED 2,976,312
ULTRAHAPTICS IP LIMITED 2,976,319
ULUBAY, CAN 2,980,648
UNDER THE WEATHER, LLC 2,980,077
UNGAR, BLAIR 2,975,945
UNITED STATES GYPSUM COMPANY 2,974,645
UNIVATION TECHNOLOGIES, LLC 2,959,605
UNIVATION TECHNOLOGIES, LLC 2,974,122
UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ 2,980,488
UNIVERSITE LILLE 2 DROIT ET SANTE 2,980,232
UNIVERSITE PARIS DESCARTES 2,979,592
UNIVERSITE PARIS DESCARTES 2,979,812
UNIVERSITE PARIS-SUD 11 2,979,812
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,975,750
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,979,812
UNIVERSITEIT ANTWERPEN 2,979,932
UNIVERSITEIT GENT 2,979,932
UNIVERSITEIT GENT 2,980,089
UNIVERSITEIT GENT 2,980,227
UNIVERSITEIT GENT 2,980,651
UNIVERSITY OF CONNECTICUT 2,980,325
UNIVERSITY OF HELSINKI 2,980,228
UNIVERSITY OF MARYLAND, COLLEGE PARK 2,980,285
UNIVERSITY OF SOUTHERN CALIFORNIA 2,973,572
UNIVERSITY OF WASHINGTON 2,980,917

Index des demandes PCT entrant en phase nationale

VADALI, VENKATA MADHUKANTH 2,980,277
VAJDA, JUDITH 2,979,486
VALENTINA, EMILIANI 2,979,592
VALENTINE, ALEXANDER D. 2,980,504
VALENTINE, MERCIA 2,980,679
VALETTE, ERIC 2,975,207
VALLANCE, ROBERT RYAN 2,978,955
VAN BEEK, MARLON 2,980,363
VAN BELLE, ERIC 2,980,232
VAN BOHEMEN, STEFANUS MATHEUS CORNELIS 2,979,923
VAN DAEL, MATTIAS 2,979,932
VAN DEN BERG, JAN 2,980,265
VAN DEN BERGE, FRIDTJOF 2,980,531
VAN DER BURGH, STEFAN 2,976,302
VAN DER HOEVEN, ROBERTUS ANTONIUS MIJNDERT 2,980,090
VAN DUIJNHOVEN, HENRICUS MARINUS GERARDUS MARIA 2,980,165
VAN HOOREBEKE, LUC 2,979,932
VAN KRIEKEN, JAN 2,979,587
VAN KRIEKEN, JAN 2,979,589
VAN LEEUWEN, JOHANNES GUSTAAF ERNST 2,979,931
VAN OOSTERHOUT, PETRUS HENRICUS JOSEPHUS 2,979,984
VAN PUTTEN, EIBERT GERJAN 2,980,487
VAN VOORHEES, SETH 2,980,921
VANDEBRIEL, IMAR 2,974,562
VANDENDRIESSCHE, THIERRY 2,979,495
VANDERVEEN, MICHAELA 2,976,700
VANELL, DINA 2,976,296
VANLUE, DUKE 2,980,457
VANROMPAY, DAISY 2,980,227
VARAPRASAD BOTLA, DURGA 2,980,801
VARGA, STEFAN 2,979,598
VAZQUEZ ROMERO, MIGUEL 2,980,959
VDOVIN, OLEXANDR VALENTYNOVYCH 2,980,487
VEARIEL, T.R. 2,974,122
VEHMAANPERA, JARI 2,976,021
VEKOMA RIDES ENGINEERING B.V. 2,979,984
VELLAS, NICOLAS 2,980,216
VENTEC LIFE SYSTEMS, INC. 2,980,306
VERBOVEN, PIETER 2,979,932
VERCAUTEREN, MAGALI 2,980,100
VIB VZW 2,980,651
VICENTE PEREZ, MARIA FRANCISCA 2,980,267
VIEL, JULIEN 2,979,952
VILLADSEN, JESPER SLOTH 2,979,950
VILLAUME, HELENE 2,974,887
VINCENT, FLAVIEN 2,980,232
VINCENTELLI, ANDRE 2,980,232
VISA INTERNATIONAL SERVICE ASSOCIATION 2,980,766
VISA INTERNATIONAL SERVICE ASSOCIATION 2,980,768
VISHWAKARMA, RAM 2,961,166
VISSER, DIANA 2,979,586
VISTA OUTDOOR OPERATIONS LLC 2,979,848
VITO NV 2,980,092
VITTENET, JULLIAN 2,974,765
VITTENET, JULLIAN 2,974,766
VIVINT, INC. 2,975,701
VIVINT, INC. 2,975,703
VOIT, THOMAS 2,975,750
VOLTECO S.P.A. 2,979,934
VOMSCHEID, SOPHIE 2,980,085
VOMSCHEID, SOPHIE 2,980,109
VOMSCHEID, SOPHIE 2,980,395
VONAGE NETWORK, LLC 2,977,130
VRIJE UNIVERSITEIT BRUSSEL 2,979,495
VUONG, THANH VINH 2,980,604
VUORINEN, KARI 2,980,399
VUTPAKDI, RON 2,980,124
WACHTER, LUKE 2,980,305
WAGENER, JEFFERSON L. 2,975,307
WAGNER, CLAUDIA 2,979,506
WAGNER, D. RY 2,976,866
WAGNER, TIMOTHY ALLEN 2,975,522
WAKABAYASHI, CHISATO 2,980,692
WAKABAYASHI, YUTAKA 2,980,422
WAKABAYASHI, YUTAKA 2,980,524
WAKATABE, MICHIO 2,980,461
WAKELAND, DAN 2,975,649
WALDRAFF, CHRISTIAN 2,979,766
WALKER, DOUGLAS W. 2,979,719
WALKER, TYLER 2,980,552
WALL, JERE JAMES 2,980,739
WALL, JESSICA L. 2,960,968
WALSH, KEVIN JOHN 2,980,476
WAN, FENG 2,980,922
WAN, FENG 2,980,961
WAN, FENG 2,980,963
WANG, DAXIANG 2,980,223
WANG, DONGHONG 2,980,479
WANG, DONGYAN 2,980,921
WANG, JIAN-PING 2,974,964
WANG, JIAN-PING 2,974,969
WANG, KUAN-HSUN 2,962,383
WANG, LEI 2,980,636
WANG, XUEHUA 2,980,233
WANG, YALI 2,976,050
WANG, YUJIANG 2,980,631
WANI, ABUBAKAR 2,961,166
WARGON, KENNETH 2,976,800
WARREN, JEREMY B. 2,975,701
WARSZAWSKI UNIWERSYTET MEDYCZNY 2,976,326
WASHING SYSTEMS, LLC 2,974,047
WASHINGTON UNIVERSITY 2,980,917
WASHINGTON, JACK ANTHONY 2,980,542
WASHINGTON, JACK ANTHONY 2,980,548
WASHINGTON, JACK ANTHONY 2,980,550
WASNAIRE, PIERRE 2,980,646
WATANABE, FUMINORI 2,980,692
WATKINS, DAVID N. 2,980,611
WAYCHAL, SHRIKANT 2,980,437
WAYMO LLC 2,980,305
WEATHERFORD TECHNOLOGY HOLDINGS, LLC. 2,980,533
WEBER, JURGEN 2,980,503
WEBER, RALF 2,980,244
WEBER, TILLMANN 2,980,388
WEDGELOCK EQUIPMENT LIMITED 2,980,700
WEHRMANN, RICK STEVEN 2,980,734
WEINER, DAVID 2,980,308
WEINSCHENK, TONI 2,979,506
WELFORD, RICHARD 2,980,100
WENDEL, HANS-GUIDO 2,980,393
WENGROVITZ, MICHAEL S. 2,974,961
WENGROVITZ, MICHAEL S. 2,975,296
WERNEBURG, MARTINA 2,979,826
WERNER, DENNIS 2,979,247
WERNER, MILTON, H. 2,980,478
WERQUIN, MATTHIEU 2,980,216
WESTERBEEK, JOHANNES MARTINUS MARIA 2,975,672
WESTROCK MWV, LLC 2,973,887
WHEELER, KORY J. 2,976,087
WHITE, CRAIG KARL 2,980,520
WHITE, CRAIG KARL 2,980,521
WHITE, CRAIG KARL 2,980,539
WHITE, CRAIG KARL 2,980,849
WHITE, RON 2,980,912
WHITEHEAD, IAN 2,975,954
WHITTEN, GORDON 2,980,501
WIBERG, NICLAS 2,974,515
WIDDOWSON, STEVEN G. 2,979,987
WIHURI PACKAGING OY 2,980,025
WILLEM, MICHAEL 2,979,583
WILLIAMS, DONALD VICTOR 2,976,611
WILLIAMS, MERVIN 2,980,165
WILLIAMS, STEVE 2,980,739
WILLIS III, THOMAS M. 2,977,034
WILLUDA, JORG 2,980,390
WILMERS, KIMBERLY ANN 2,973,659
WILSON ELECTRONICS, LLC 2,976,401
WILSON, CRAIG A. 2,980,561
WILSON, GLENN A. 2,980,450
WILSON, JAMES DAVID 2,980,508
WILSON, JAMES DAVID 2,980,510
WILSON, JAMES DAVID 2,980,513
WILSON, KEITH 2,979,486
WILSON, SHANE M. 2,980,931
WINKLER, BERNHARD 2,979,509
WINKLER, THOMAS 2,980,648
WINKOWSKI, KAREN 2,980,908
WIRZ, BEAT 2,980,407
WISE, MEGAN 2,980,308
WITCHER, DERRICK RYAN 2,976,913
WOBBEN PROPERTIES GMBH 2,980,397
WOBBEN PROPERTIES GMBH 2,980,644
WOCHNER, ULRICH 2,973,088

Index of PCT Applications Entering the National Phase

WOHL, ANINA 2,980,648
WOLENSKY, JOEL 2,980,632
WOO, BENNETT 2,980,456
WOO, RAYMOND 2,976,025
WOODLEY, BRUCE R. 2,976,025
WORLDVU SATELLITES LIMITED 2,980,324
WORLDVU SATELLITES LIMITED 2,980,330
WOUTERS, THOMAS 2,980,286
WRIGHT, DOUGLAS E. 2,974,742
WU, NAIFENG 2,980,225
WU, NAIFENG 2,980,229
WU, NAIFENG 2,980,231
WU, TIANZHI 2,980,484
WU, YOUJUN 2,980,631
WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD. 2,980,223
WUSTEHUBE-LAUSCH, JOYCELYN 2,979,768
WYART, HERVE 2,976,859
WYLDE, JONATHAN 2,980,028
XIAO, JINJIANG 2,979,275
XIAO, XIAOCHUN 2,980,479
XING, NAIGUO 2,980,222
XU, JIANYAN 2,976,050
XU, ZUSHENG 2,980,484
XUE, YUZHEN 2,980,277
YADAV, MAHESH 2,960,834
YAGI, KAORI 2,980,721
YAGI, NOBUHIRO 2,980,721
YALCIN, BARIS 2,977,954
YAM, NOYMI 2,980,527
YAMADA, MANABU 2,980,426
YAMAGUMA, RYOMA 2,980,440
YAMAKAWA, TAKAYUKI 2,980,268
YAMAMOTO, AKIRA 2,980,527
YAMAMOTO, MASAYA 2,980,419
YAMAMOTO, SEIKO 2,980,695
YAMAMOTO, YUDAI 2,979,675
YAMAMOTO, YUKI 2,980,270
YAMATO SCALE CO., LTD. 2,980,429
YAN, HAI 2,980,765
YAN, KAIJING 2,980,225
YAN, KAIJING 2,980,229
YAN, KAIJING 2,980,231
YAN, LE 2,980,233
YAN, XIJUN 2,980,225
YAN, XIJUN 2,980,229
YAN, XIJUN 2,980,231
YANG, CHAOHUI 2,980,224
YANG, CHUE 2,980,165
YANG, DAZHI 2,980,468
YANG, DAZHI 2,980,472
YANG, KEVIN LEE 2,980,618
YANG, RONGXI 2,975,952
YANG, SUCKCHEL 2,974,656
YANG, XUN 2,980,623
YARLAGADDA, VENKATESWARLU 2,975,975
YASUDA, KYONO 2,980,250
YASUYAMA, MASANORI 2,980,530
YAUCH, ROBERT L. 2,975,875
YEAGER, JEFFREY N. 2,979,418
YEEJIN, JEON 2,980,652
YEGIN, CENGIZ 2,980,023
YEHIA, HADI NAYEF 2,980,561
YEN, BENJAMIN 2,974,901
YEN, RAYMOND 2,976,523
YERRAMALLI, SRINIVAS 2,975,408
YIN, YIYUAN 2,980,189
YONEYAMA, TOMOAKI 2,980,523
YOON, SUNG-YONG H. 2,976,866
YOSHIDA, MIHOKO 2,980,696
YOSHINAGA, CHISATO 2,980,530
YOUNG, ROY M. 2,976,087
YOUNG-IN, YANG 2,980,652
YU, CHEE 2,980,456
YU, CHENGZHANG 2,980,957
YU, JIAN 2,980,623
YU, LINGFENG 2,980,545
YU, MEIHUA 2,980,957
YU, SHU 2,980,224
YU, XIUZHAO 2,976,050
YUE, ZHIWEI 2,979,665
YUN, DONG 2,980,631
ZAHARIS, MARK J. 2,980,532
ZAJA, MIRKO 2,979,503
ZANDER, HANS-JORG 2,980,648
ZANE, FRANCIS X. 2,976,437
ZAROUNI, ABDALLA 2,980,832
ZEALAND PHARMA A/S 2,979,950
ZEGROCKA-STENDEL, OLIWIA 2,976,326
ZEHENDNER, CHRISTOPH MICHAEL 2,980,385
ZEHER, ANDREAS 2,980,385
ZELEZNIKAR, ALAN R. 2,974,904
ZELEZNIKAR, ALAN R. 2,975,300
ZHANG, FUYAO 2,976,050
ZHANG, HANG 2,973,572
ZHANG, HONGPING 2,980,233
ZHANG, HONGWEI 2,980,957
ZHANG, LEI 2,976,357
ZHANG, LI 2,976,818
ZHANG, LI 2,976,820
ZHANG, LI 2,976,827
ZHANG, LI 2,976,828
ZHANG, LIANG 2,980,224
ZHANG, LIANG 2,980,418
ZHANG, LIANSHAN 2,976,050
ZHANG, MENG 2,974,904
ZHANG, MENG 2,975,300
ZHANG, NONG 2,980,484
ZHANG, QIANG 2,974,515
ZHANG, RONGHUA 2,974,535
ZHANG, RUI 2,980,333
ZHANG, SHILING 2,980,631
ZHANG, SHUNNAN 2,980,225
ZHANG, SHUNNAN 2,980,229
ZHANG, SHUNNAN 2,980,231
ZHANG, WEI 2,980,174
ZHANG, XIAOYU 2,980,224
ZHANG, YANFENG 2,980,223
ZHANG, YANFENG 2,980,224
ZHANG, YANFENG 2,980,418
ZHANG, YING 2,976,050
ZHANG, YUANZHENG 2,980,087
ZHANG, ZIYANG 2,980,315
ZHAO, FUNIAN 2,979,665
ZHAO, YINYAN 2,980,165
ZHARMENOV, ABDURASSUL ALDASHEVICH 2,980,499
ZHENG, DEPING 2,980,222
ZHENG, GUO-HUA 2,980,561
ZHENG, JIAN 2,980,718
ZHENG, MIN FENG 2,980,434
ZHENG, YURONG 2,980,382
ZHONG, XIN 2,980,479
ZHOU, GONGBO 2,980,636
ZHOU, JIANHUI 2,980,189
ZHOU, RUNZE 2,980,952
ZHU, FENQIN 2,980,952
ZHU, YONGHONG 2,980,225
ZHU, YONGHONG 2,980,229
ZHU, YONGHONG 2,980,231
ZHU, ZHENCAI 2,980,636
ZIEMS, JAN CARSTEN 2,980,644
ZIFF, JEANNIE M. 2,960,791
ZIMMER, INC. 2,980,551
ZIMMERMANN, STEFFEN 2,980,420
ZINOVIEV, KIRILL 2,975,945
ZISIMOPOULOS, HARIS 2,976,700
ZUKOWSKI, LUKASZ 2,980,631
ZWARTJENS, PRISCILLA 2,979,931
ZWICK, MARCUS 2,979,949

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

ABREU, MARCIO MARC 2,980,036
ABREU, MARCIO MARC 2,980,062
ANGELCARE DEVELOPMENT INC. 2,974,663
APPS, WILLIAM P. 2,974,471
ARBESMAN, RAY 2,976,977
BACHAR, YEHUDA 2,980,332
BAILEY, THOMAS F. 2,979,797
BAILEY, THOMAS F. 2,980,558
BAR-TAL, MEIR 2,978,749
BECTON DICKINSON AND COMPANY LIMITED 2,980,186
BIOSENSE WEBSTER, INC. 2,978,749
BIOVIGIL, LLC 2,979,746
BOLLING, STEVEN F. 2,979,746
BOWES, ROBERT ROYAL 2,976,839
BOYER, REJEAN 2,980,291
BROUGHMAN, JAMES MICHAEL 2,979,762
CAYABYAB, RONALDO C. 2,976,839
CHAMBERLAIN, ROGER D. 2,980,625
CHAMBERS, JAMES W. 2,979,797
CHEREWYK, BORIS (BRUCE) P. 2,979,736
CHIA, CHRISTOPHER 2,976,839
CNH INDUSTRIAL AMERICA LLC 2,980,441
CONNERY, LUKE S. 2,974,796
CROSS, PAUL C. 2,979,608
DAUM, LUKE T. 2,976,814
DEKOOS, DAVID 2,973,911
DYE, JAMES L. 2,974,826
EDWARDS LIFESCIENCES CORPORATION 2,976,839
EDWARDS LIFESCIENCES CORPORATION 2,978,028
EON SURGICAL LTD. 2,980,332
EVANS, DAVID J. 2,976,839
EVINS, SAMUEL E. 2,975,925
FARIN, DANNY 2,980,332
FISCHER, GERALD W. 2,976,814
FOUTCH, DAVID W. 2,979,638
FRANKLIN, MARK A. 2,980,625
GAGNON, STEPHANIE 2,980,291
GAPLAST GMBH 2,973,989
GIONTA, MATTHEW 2,978,621
GRAHAM PACKAGING PET TECHNOLOGIES INC. 2,975,925
GROHS, WILLIAM T. 2,979,913
GROVIST INNOVATIONS, LLC 2,979,913
GUDMUNDSON, DAN 2,979,449
GUO, CLARK 2,979,941
HALL, BRUCE 2,973,889
HANNEGAN, DON M. 2,979,797
HANNEGAN, DON M. 2,980,558
HANSEN, CRAIG N. 2,979,608
HASSELL, JON P. 2,973,450
HATIB, FERAS 2,978,028
HAWKINS, KIRK 2,978,621
HOPP, DAVID M. 2,978,834
HOYER, CAREL W. 2,980,558
ICON AIRCRAFT, INC. 2,978,621
IP RESERVOIR, LLC 2,980,625
ISOLATION EQUIPMENT SERVICES, INC. 2,979,736
IVOSEVIC, MILAN 2,980,186
JACOBS, MELVIN T. 2,980,558
JALBERT, STEVE 2,979,855
JESCHKE, MARC 2,976,977
JODICE, DANA LYNN 2,979,762
JOHNSON, CHAD M. 2,980,441
KARKOW, JON 2,978,621
KEENAN, BARRY 2,980,302
KING, GUY PHILIP WILLIAM 2,979,941
KNEER, ROLAND 2,973,989
KOYESS, PHILIPPE 2,973,911
KREMLIOVSKY, MICHAEL 2,980,302
LEBLANC, DAVID J. 2,974,796
LEFENFELD, MICHAEL 2,974,826
LEMAY, MATHIEU 2,979,855
LONGHORN VACCINES & DIAGNOSTICS, LLC 2,976,814
LOWE'S COMPANIES, INC. 2,979,762
LU, JASON 2,979,762
MACDONALD, GRANT T. 2,980,441
MACKIN, STEVE G. 2,979,638
MARCHAND, PHILIPPE 2,976,839
MARICI, PAUL PAIA 2,980,186
MEDTRONIC MINIMED, INC. 2,980,302
MICHIGAN STATE UNIVERSITY 2,974,826
MILICH, ROBERT, JR. 2,976,839
MORAND, MICHEL 2,974,663
MORRIS, IAN 2,973,889
OKIKIOLU, TOLULOPE 2,973,889
OPTOSECURITY INC. 2,979,449
OPTOSECURITY INC. 2,979,892
OREN TECHNOLOGIES, LLC 2,974,132
OREN, JOHN 2,974,132
OREN, JOSHUA 2,974,132
OVIST, VINCE 2,979,913
PARSONS, SCOTT 2,980,625
PELICAN INTERNATIONAL INC. 2,979,855
PELICAN INTERNATIONAL INC. 2,980,291
PERRON, LUC 2,979,449
PERRON, LUC 2,979,892
PORATH, JOSHUA 2,978,749
PRICKEL, MARVIN A. 2,980,441
PROTEUS DIGITAL HEALTH, INC. 2,980,571
REHRIG PACIFIC COMPANY 2,973,450
REHRIG PACIFIC COMPANY 2,974,471
RETAILMENOT, INC. 2,979,941
RIGOLO, THOMAS 2,973,889
ROTELIUK, LUCHY D. 2,978,028
ROY, ANIRBAN 2,980,302
SCHNEIDER, MARK D. 2,975,925
SCHUEHLER, DAVID VINCENT 2,980,625
SCHWARTZ, YITZHACK 2,978,749
SEALS, ROBERT G. 2,978,834
SEAONE HOLDINGS, LLC 2,973,889
SIGNA CHEMISTRY LLC 2,974,826
SILVERS, KERRY W. 2,975,925
SPIDERTECH INC. 2,976,977
SPORT MASKA INC. 2,973,911
STRAND, STEEN 2,978,621
SUNNYBROOK RESEARCH INSTITUTE 2,976,977
TAYLOR, DAVID E. 2,980,625
TAYLOR, DAVID M. 2,976,839
THE BOEING COMPANY 2,979,638
TRIPP, STEVEN D. 2,978,834
TYCO FIRE PRODUCTS LP 2,974,796
VOGEL, MATT 2,975,925
WAGONER, DANNY W. 2,979,797
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,979,797
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,980,558
WHITE, NICKY A. 2,980,558
WOODRUFF, C.P., JR. 2,973,889
YOUNG DENTAL MANUFACTURING I, LLC 2,978,834
ZDEBLICK, MARK J. 2,980,571